

# Package ‘tvthemes’

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**Type** Package

**Title** TV Show Themes and Color Palettes for 'ggplot2' Graphics

**Version** 1.3.1

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**Description** Contains various 'ggplot2' themes and color palettes based on TV shows such as 'Game of Thrones', 'Brooklyn Nine-Nine', 'Avatar: The Last Airbender', 'Spongebob Squarepants', and more.

**License** GPL-3

**Encoding** UTF-8

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**Imports** ggplot2 (>= 3.1.0), extrafont (>= 0.17), scales (>= 1.0.0), magick (>= 2.0), grDevices (>= 3.5.3)

**Suggests** testthat (>= 2.1.1), dplyr (>= 0.8.0.1), cowplot (>= 0.9.4), png (>= 0.1-7), glue (>= 1.3.1), stringr, knitr, rmarkdown

**URL** <https://github.com/Ryo-N7/tvthemes>

**BugReports** <https://github.com/Ryo-N7/tvthemes/issues>

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| attackOnTitan_pal | <i>Attack On Titan palette</i> |
|-------------------|--------------------------------|

---

### Description

Attack On Titan palette

### Usage

```
attackOnTitan_pal(n, type = c("discrete", "continuous"), reverse = FALSE)
```

```
scale_color_attackOnTitan(n, type = "discrete", reverse = FALSE, ...)
```

```
scale_colour_attackOnTitan(n, type = "discrete", reverse = FALSE, ...)
```

```
scale_fill_attackOnTitan(n, type = "discrete", reverse = FALSE, ...)
```

**Arguments**

|              |   |
|--------------|---|
| n            | number of colors  |
| type         | discrete or continuous  |
| reverse      | reverse order, Default: FALSE   |
| ...          | Arguments passed on to <code>ggplot2::discrete_scale</code>   |
| aesthetics   | The names of the aesthetics that this scale works with.   |
| scale_name   | The name of the scale that should be used for error messages associated with this scale.  |
| palette      | A palette function that when called with a single integer argument (the number of levels in the scale) returns the values that they should take (e.g., <code>scales::hue_pal()</code> ).  |
| name         | The name of the scale. Used as the axis or legend title. If <code>waiver()</code> , the default, the name of the scale is taken from the first mapping used for that aesthetic. If NULL, the legend title will be omitted.  |
| breaks       | One of: <ul style="list-style-type: none"> <li>• NULL for no breaks</li> <li>• <code>waiver()</code> for the default breaks (the scale limits)</li> <li>• A character vector of breaks</li> <li>• A function that takes the limits as input and returns breaks as output. Also accepts rlang <code>lambda</code> function notation.</li> </ul>  |
| labels       | One of: <ul style="list-style-type: none"> <li>• NULL for no labels</li> <li>• <code>waiver()</code> for the default labels computed by the transformation object</li> <li>• A character vector giving labels (must be same length as breaks)</li> <li>• A function that takes the breaks as input and returns labels as output. Also accepts rlang <code>lambda</code> function notation.</li> </ul>                           |
| limits       | One of: <ul style="list-style-type: none"> <li>• NULL to use the default scale values</li> <li>• A character vector that defines possible values of the scale and their order</li> <li>• A function that accepts the existing (automatic) values and returns new ones. Also accepts rlang <code>lambda</code> function notation.</li> </ul>   |
| expand       | For position scales, a vector of range expansion constants used to add some padding around the data to ensure that they are placed some distance away from the axes. Use the convenience function <code>expansion()</code> to generate the values for the <code>expand</code> argument. The defaults are to expand the scale by 5% on each side for continuous variables, and by 0.6 units on each side for discrete variables. |
| na.translate | Unlike continuous scales, discrete scales can easily show missing values, and do so by default. If you want to remove missing values from a discrete scale, specify <code>na.translate = FALSE</code> .   |
| na.value     | If <code>na.translate = TRUE</code> , what aesthetic value should the missing values be displayed as? Does not apply to position scales where NA is always placed at the far right.   |

**drop** Should unused factor levels be omitted from the scale? The default, TRUE, uses the levels that appear in the data; FALSE uses all the levels in the factor.

**guide** A function used to create a guide or its name. See `guides()` for more information.

**position** For position scales, The position of the axis. left or right for y axes, top or bottom for x axes.

**super** The super class to use for the constructed scale

## Examples

```
library(scales)
show_col(attackOnTitan_pal()(5))

library(ggplot2)
ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_color_attackOnTitan()

ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_colour_attackOnTitan()

ggplot(mpg, aes(displ)) +
  geom_histogram(aes(fill = class),
    col = "black", size = 0.1) +
  scale_fill_attackOnTitan()
```

---

 avatarTLA\_pal

*Avatar: The Last Airbender palette (deprecated)*


---

## Description

Avatar: The Last Airbender palette

## Usage

```
avatarTLA_pal(
  palette = "FireNation",
  n,
  type = c("discrete", "continuous"),
  reverse = FALSE
)

scale_color_avatarTLA(
  palette = "FireNation",
  n,
```

```

    type = "discrete",
    reverse = FALSE,
    ...
  )

scale_colour_avatarTLA(
  palette = "FireNation",
  n,
  type = "discrete",
  reverse = FALSE,
  ...
)

scale_fill_avatarTLA(
  palette = "FireNation",
  n,
  type = "discrete",
  reverse = FALSE,
  ...
)

```

## Arguments

|            |  |
|------------|--|
| palette    | name of palette (FireNation, EarthKingdom, WaterTribe, AirNomads), Default: "FireNation"   |
| n          | number of colors   |
| type       | discrete or continuous   |
| reverse    | reverse order, Default: FALSE  |
| ...        | Arguments passed on to <code>ggplot2::discrete_scale</code>  |
| aesthetics | The names of the aesthetics that this scale works with.  |
| scale_name | The name of the scale that should be used for error messages associated with this scale.   |
| name       | The name of the scale. Used as the axis or legend title. If <code>waiver()</code> , the default, the name of the scale is taken from the first mapping used for that aesthetic. If NULL, the legend title will be omitted.   |
| breaks     | One of: <ul style="list-style-type: none"> <li>• NULL for no breaks</li> <li>• <code>waiver()</code> for the default breaks (the scale limits)</li> <li>• A character vector of breaks</li> <li>• A function that takes the limits as input and returns breaks as output. Also accepts rlang <code>lambda</code> function notation.</li> </ul> |
| labels     | One of: <ul style="list-style-type: none"> <li>• NULL for no labels</li> <li>• <code>waiver()</code> for the default labels computed by the transformation object</li> <li>• A character vector giving labels (must be same length as breaks)</li> </ul>   |

- A function that takes the breaks as input and returns labels as output. Also accepts rlang `lambda` function notation.

`limits` One of:

- NULL to use the default scale values
- A character vector that defines possible values of the scale and their order
- A function that accepts the existing (automatic) values and returns new ones. Also accepts rlang `lambda` function notation.

`expand` For position scales, a vector of range expansion constants used to add some padding around the data to ensure that they are placed some distance away from the axes. Use the convenience function `expansion()` to generate the values for the `expand` argument. The defaults are to expand the scale by 5% on each side for continuous variables, and by 0.6 units on each side for discrete variables.

`na.translate` Unlike continuous scales, discrete scales can easily show missing values, and do so by default. If you want to remove missing values from a discrete scale, specify `na.translate = FALSE`.

`na.value` If `na.translate = TRUE`, what aesthetic value should the missing values be displayed as? Does not apply to position scales where NA is always placed at the far right.

`drop` Should unused factor levels be omitted from the scale? The default, TRUE, uses the levels that appear in the data; FALSE uses all the levels in the factor.

`guide` A function used to create a guide or its name. See `guides()` for more information.

`position` For position scales, The position of the axis. `left` or `right` for y axes, `top` or `bottom` for x axes.

`super` The super class to use for the constructed scale

---

avatar\_pal

*Avatar: The Last Airbender palette*

---

## Description

Avatar: The Last Airbender palette

## Usage

```
avatar_pal(
  palette = "FireNation",
  n,
  type = c("discrete", "continuous"),
  reverse = FALSE
)

scale_color_avatar(
```

```

    palette = "FireNation",
    n,
    type = "discrete",
    reverse = FALSE,
    ...
  )

scale_colour_avatar(
  palette = "FireNation",
  n,
  type = "discrete",
  reverse = FALSE,
  ...
)

scale_fill_avatar(
  palette = "FireNation",
  n,
  type = "discrete",
  reverse = FALSE,
  ...
)

```

## Arguments

|            |  |
|------------|--|
| palette    | name of palette (FireNation, EarthKingdom, WaterTribe, AirNomads), Default: "FireNation"   |
| n          | number of colors   |
| type       | discrete or continuous   |
| reverse    | reverse order, Default: FALSE  |
| ...        | Arguments passed on to <a href="#">ggplot2::discrete_scale</a>   |
| aesthetics | The names of the aesthetics that this scale works with.  |
| scale_name | The name of the scale that should be used for error messages associated with this scale.   |
| name       | The name of the scale. Used as the axis or legend title. If <code>waiver()</code> , the default, the name of the scale is taken from the first mapping used for that aesthetic. If <code>NULL</code> , the legend title will be omitted.   |
| breaks     | One of: <ul style="list-style-type: none"> <li>• <code>NULL</code> for no breaks</li> <li>• <code>waiver()</code> for the default breaks (the scale limits)</li> <li>• A character vector of breaks</li> <li>• A function that takes the limits as input and returns breaks as output. Also accepts rlang <a href="#">lambda</a> function notation.</li> </ul> |
| labels     | One of: <ul style="list-style-type: none"> <li>• <code>NULL</code> for no labels</li> <li>• <code>waiver()</code> for the default labels computed by the transformation object</li> </ul>  |

- A character vector giving labels (must be same length as breaks)
- A function that takes the breaks as input and returns labels as output. Also accepts rlang [lambda](#) function notation.

limits One of:

- NULL to use the default scale values
- A character vector that defines possible values of the scale and their order
- A function that accepts the existing (automatic) values and returns new ones. Also accepts rlang [lambda](#) function notation.

expand For position scales, a vector of range expansion constants used to add some padding around the data to ensure that they are placed some distance away from the axes. Use the convenience function [expansion\(\)](#) to generate the values for the expand argument. The defaults are to expand the scale by 5% on each side for continuous variables, and by 0.6 units on each side for discrete variables.

na.translate Unlike continuous scales, discrete scales can easily show missing values, and do so by default. If you want to remove missing values from a discrete scale, specify `na.translate = FALSE`.

na.value If `na.translate = TRUE`, what aesthetic value should the missing values be displayed as? Does not apply to position scales where NA is always placed at the far right.

drop Should unused factor levels be omitted from the scale? The default, TRUE, uses the levels that appear in the data; FALSE uses all the levels in the factor.

guide A function used to create a guide or its name. See [guides\(\)](#) for more information.

position For position scales, The position of the axis. left or right for y axes, top or bottom for x axes.

super The super class to use for the constructed scale

## Examples

```
library(scales)
show_col(avatar_pal()(5))
```

```
library(ggplot2)
ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_color_avatar()
```

```
ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_colour_avatar()
```

```
ggplot(mpg, aes(displ)) +
  geom_histogram(aes(fill = class), col = "black", size = 0.1) +
  scale_fill_avatar()
```



---

|              |                           |
|--------------|---------------------------|
| bigHero6_pal | <i>Big Hero 6 palette</i> |
|--------------|---------------------------|

---

**Description**

Big Hero 6 palette

**Usage**

```
bigHero6_pal(n, type = c("discrete", "continuous"), reverse = FALSE)
scale_color_bigHero6(n, type = "discrete", reverse = FALSE, ...)
scale_colour_bigHero6(n, type = "discrete", reverse = FALSE, ...)
scale_fill_bigHero6(n, type = "discrete", reverse = FALSE, ...)
```

**Arguments**

|            |   |
|------------|---|
| n          | number of colors  |
| type       | discrete or continuous  |
| reverse    | reverse order, Default: FALSE   |
| ...        | Arguments passed on to <a href="#">ggplot2::discrete_scale</a>  |
| aesthetics | The names of the aesthetics that this scale works with.   |
| scale_name | The name of the scale that should be used for error messages associated with this scale.  |
| palette    | A palette function that when called with a single integer argument (the number of levels in the scale) returns the values that they should take (e.g., <a href="#">scales::hue_pal()</a> ).   |
| name       | The name of the scale. Used as the axis or legend title. If <a href="#">waiver()</a> , the default, the name of the scale is taken from the first mapping used for that aesthetic. If NULL, the legend title will be omitted.   |
| breaks     | One of: <ul style="list-style-type: none"> <li>• NULL for no breaks</li> <li>• <a href="#">waiver()</a> for the default breaks (the scale limits)</li> <li>• A character vector of breaks</li> <li>• A function that takes the limits as input and returns breaks as output. Also accepts rlang <a href="#">lambda</a> function notation.</li> </ul>  |
| labels     | One of: <ul style="list-style-type: none"> <li>• NULL for no labels</li> <li>• <a href="#">waiver()</a> for the default labels computed by the transformation object</li> <li>• A character vector giving labels (must be same length as breaks)</li> <li>• A function that takes the breaks as input and returns labels as output. Also accepts rlang <a href="#">lambda</a> function notation.</li> </ul> |

limits One of:

- NULL to use the default scale values
- A character vector that defines possible values of the scale and their order
- A function that accepts the existing (automatic) values and returns new ones. Also accepts rlang `lambda` function notation.

expand For position scales, a vector of range expansion constants used to add some padding around the data to ensure that they are placed some distance away from the axes. Use the convenience function `expansion()` to generate the values for the `expand` argument. The defaults are to expand the scale by 5% on each side for continuous variables, and by 0.6 units on each side for discrete variables.

na.translate Unlike continuous scales, discrete scales can easily show missing values, and do so by default. If you want to remove missing values from a discrete scale, specify `na.translate = FALSE`.

na.value If `na.translate = TRUE`, what aesthetic value should the missing values be displayed as? Does not apply to position scales where NA is always placed at the far right.

drop Should unused factor levels be omitted from the scale? The default, TRUE, uses the levels that appear in the data; FALSE uses all the levels in the factor.

guide A function used to create a guide or its name. See `guides()` for more information.

position For position scales, The position of the axis. `left` or `right` for y axes, `top` or `bottom` for x axes.

super The super class to use for the constructed scale

## Examples

```
library(scales)
show_col(bigHero6_pal()(5))
```

```
library(ggplot2)
ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_color_bigHero6()
```

```
ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_colour_bigHero6()
```

```
ggplot(mpg, aes(displ)) +
  geom_histogram(aes(fill = class), col = "black", size = 0.1) +
  scale_fill_bigHero6()
```

---

`brooklyn99_pal`*Brooklyn Nine Nine Color and Fill Scales*

---

**Description**

Brooklyn Nine Nine Color and Fill Scales

**Usage**

```
brooklyn99_pal(  
  palette = "Regular",  
  n = n,  
  type = c("discrete", "continuous"),  
  reverse = FALSE  
)
```

```
scale_color_brooklyn99(  
  palette = "Regular",  
  n = n,  
  type = "discrete",  
  reverse = FALSE,  
  ...  
)
```

```
scale_colour_brooklyn99(  
  palette = "Regular",  
  n = n,  
  type = "discrete",  
  reverse = FALSE,  
  ...  
)
```

```
scale_fill_brooklyn99(  
  palette = "Regular",  
  n = n,  
  type = "discrete",  
  reverse = FALSE,  
  ...  
)
```

**Arguments**

|                      |   |
|----------------------|---|
| <code>palette</code> | name of palette, Regular or Dark Default: "Regular" |
| <code>n</code>       | number of colors                                    |
| <code>type</code>    | discrete or continuous                              |
| <code>reverse</code> | reverse order, Default: FALSE                       |

...

Arguments passed on to `ggplot2::discrete_scale`

`aesthetics` The names of the aesthetics that this scale works with.

`scale_name` The name of the scale that should be used for error messages associated with this scale.

`name` The name of the scale. Used as the axis or legend title. If `waiver()`, the default, the name of the scale is taken from the first mapping used for that aesthetic. If `NULL`, the legend title will be omitted.

`breaks` One of:

- `NULL` for no breaks
- `waiver()` for the default breaks (the scale limits)
- A character vector of breaks
- A function that takes the limits as input and returns breaks as output. Also accepts rlang `lambda` function notation.

`labels` One of:

- `NULL` for no labels
- `waiver()` for the default labels computed by the transformation object
- A character vector giving labels (must be same length as breaks)
- A function that takes the breaks as input and returns labels as output. Also accepts rlang `lambda` function notation.

`limits` One of:

- `NULL` to use the default scale values
- A character vector that defines possible values of the scale and their order
- A function that accepts the existing (automatic) values and returns new ones. Also accepts rlang `lambda` function notation.

`expand` For position scales, a vector of range expansion constants used to add some padding around the data to ensure that they are placed some distance away from the axes. Use the convenience function `expansion()` to generate the values for the `expand` argument. The defaults are to expand the scale by 5% on each side for continuous variables, and by 0.6 units on each side for discrete variables.

`na.translate` Unlike continuous scales, discrete scales can easily show missing values, and do so by default. If you want to remove missing values from a discrete scale, specify `na.translate = FALSE`.

`na.value` If `na.translate = TRUE`, what aesthetic value should the missing values be displayed as? Does not apply to position scales where `NA` is always placed at the far right.

`drop` Should unused factor levels be omitted from the scale? The default, `TRUE`, uses the levels that appear in the data; `FALSE` uses all the levels in the factor.

`guide` A function used to create a guide or its name. See `guides()` for more information.

`position` For position scales, The position of the axis. `left` or `right` for y axes, `top` or `bottom` for x axes.

`super` The super class to use for the constructed scale

## Details

Colors that work well with the blue background!

## Examples

```
library(scales)
show_col(brooklyn99_pal()(5))
show_col(brooklyn99_pal(palette = "Dark")(5))

library(ggplot2)
ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_color_brooklyn99()

ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_color_brooklyn99(palette = "Dark")

ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_colour_brooklyn99(palette = "Dark")

ggplot(mpg, aes(displ)) +
  geom_histogram(aes(fill = class), col = "black", size = 0.1) +
  scale_fill_brooklyn99()
```

---

|                  |                              |
|------------------|------------------------------|
| gravityFalls_pal | <i>Gravity Falls palette</i> |
|------------------|------------------------------|

---

## Description

Gravity Falls palette

## Usage

```
gravityFalls_pal(n, type = c("discrete", "continuous"), reverse = FALSE)
scale_color_gravityFalls(n, type = "discrete", reverse = FALSE, ...)
scale_colour_gravityFalls(n, type = "discrete", reverse = FALSE, ...)
scale_fill_gravityFalls(n, type = "discrete", reverse = FALSE, ...)
```

**Arguments**

|              |   |
|--------------|---|
| n            | number of colors  |
| type         | discrete or continuous  |
| reverse      | reverse order, Default: FALSE   |
| ...          | Arguments passed on to <code>ggplot2::discrete_scale</code>   |
| aesthetics   | The names of the aesthetics that this scale works with.   |
| scale_name   | The name of the scale that should be used for error messages associated with this scale.  |
| palette      | A palette function that when called with a single integer argument (the number of levels in the scale) returns the values that they should take (e.g., <code>scales::hue_pal()</code> ).  |
| name         | The name of the scale. Used as the axis or legend title. If <code>waiver()</code> , the default, the name of the scale is taken from the first mapping used for that aesthetic. If NULL, the legend title will be omitted.  |
| breaks       | One of: <ul style="list-style-type: none"> <li>• NULL for no breaks</li> <li>• <code>waiver()</code> for the default breaks (the scale limits)</li> <li>• A character vector of breaks</li> <li>• A function that takes the limits as input and returns breaks as output. Also accepts rlang <code>lambda</code> function notation.</li> </ul>  |
| labels       | One of: <ul style="list-style-type: none"> <li>• NULL for no labels</li> <li>• <code>waiver()</code> for the default labels computed by the transformation object</li> <li>• A character vector giving labels (must be same length as breaks)</li> <li>• A function that takes the breaks as input and returns labels as output. Also accepts rlang <code>lambda</code> function notation.</li> </ul>                           |
| limits       | One of: <ul style="list-style-type: none"> <li>• NULL to use the default scale values</li> <li>• A character vector that defines possible values of the scale and their order</li> <li>• A function that accepts the existing (automatic) values and returns new ones. Also accepts rlang <code>lambda</code> function notation.</li> </ul>   |
| expand       | For position scales, a vector of range expansion constants used to add some padding around the data to ensure that they are placed some distance away from the axes. Use the convenience function <code>expansion()</code> to generate the values for the <code>expand</code> argument. The defaults are to expand the scale by 5% on each side for continuous variables, and by 0.6 units on each side for discrete variables. |
| na.translate | Unlike continuous scales, discrete scales can easily show missing values, and do so by default. If you want to remove missing values from a discrete scale, specify <code>na.translate = FALSE</code> .   |
| na.value     | If <code>na.translate = TRUE</code> , what aesthetic value should the missing values be displayed as? Does not apply to position scales where NA is always placed at the far right.   |

**drop** Should unused factor levels be omitted from the scale? The default, TRUE, uses the levels that appear in the data; FALSE uses all the levels in the factor.

**guide** A function used to create a guide or its name. See `guides()` for more information.

**position** For position scales, The position of the axis. left or right for y axes, top or bottom for x axes.

**super** The super class to use for the constructed scale

## Examples

```
library(scales)
show_col(gravityFalls_pal()(5))

library(ggplot2)
ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 3.5) +
  scale_color_gravityFalls()

ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 3.5) +
  scale_colour_gravityFalls()

ggplot(mpg, aes(displ)) +
  geom_histogram(aes(fill = class), col = "black", size = 0.1) +
  scale_fill_gravityFalls()
```

---

hilda\_pal

*Hilda palette*

---

## Description

Hilda palette

## Usage

```
hilda_pal(
  palette = "Day",
  n,
  type = c("discrete", "continuous"),
  reverse = FALSE
)

scale_color_hilda(palette = "Day", n, type = "discrete", reverse = FALSE, ...)

scale_colour_hilda(palette = "Day", n, type = "discrete", reverse = FALSE, ...)

scale_fill_hilda(palette = "Day", n, type = "discrete", reverse = FALSE, ...)
```

**Arguments**

|              |   |
|--------------|---|
| palette      | name of palette (Day, Dusk, Night), Default: "Day"  |
| n            | number of colors  |
| type         | discrete or continuous  |
| reverse      | reverse order, Default: FALSE   |
| ...          | Arguments passed on to <code>ggplot2::discrete_scale</code>   |
| aesthetics   | The names of the aesthetics that this scale works with.   |
| scale_name   | The name of the scale that should be used for error messages associated with this scale.  |
| name         | The name of the scale. Used as the axis or legend title. If <code>waiver()</code> , the default, the name of the scale is taken from the first mapping used for that aesthetic. If NULL, the legend title will be omitted.  |
| breaks       | One of: <ul style="list-style-type: none"> <li>• NULL for no breaks</li> <li>• <code>waiver()</code> for the default breaks (the scale limits)</li> <li>• A character vector of breaks</li> <li>• A function that takes the limits as input and returns breaks as output. Also accepts rlang <code>lambda</code> function notation.</li> </ul>  |
| labels       | One of: <ul style="list-style-type: none"> <li>• NULL for no labels</li> <li>• <code>waiver()</code> for the default labels computed by the transformation object</li> <li>• A character vector giving labels (must be same length as breaks)</li> <li>• A function that takes the breaks as input and returns labels as output. Also accepts rlang <code>lambda</code> function notation.</li> </ul>                           |
| limits       | One of: <ul style="list-style-type: none"> <li>• NULL to use the default scale values</li> <li>• A character vector that defines possible values of the scale and their order</li> <li>• A function that accepts the existing (automatic) values and returns new ones. Also accepts rlang <code>lambda</code> function notation.</li> </ul>   |
| expand       | For position scales, a vector of range expansion constants used to add some padding around the data to ensure that they are placed some distance away from the axes. Use the convenience function <code>expansion()</code> to generate the values for the <code>expand</code> argument. The defaults are to expand the scale by 5% on each side for continuous variables, and by 0.6 units on each side for discrete variables. |
| na.translate | Unlike continuous scales, discrete scales can easily show missing values, and do so by default. If you want to remove missing values from a discrete scale, specify <code>na.translate = FALSE</code> .   |
| na.value     | If <code>na.translate = TRUE</code> , what aesthetic value should the missing values be displayed as? Does not apply to position scales where NA is always placed at the far right.   |
| drop         | Should unused factor levels be omitted from the scale? The default, TRUE, uses the levels that appear in the data; FALSE uses all the levels in the factor.   |



**guide** A function used to create a guide or its name. See `guides()` for more information.

**position** For position scales, The position of the axis. left or right for y axes, top or bottom for x axes.

**super** The super class to use for the constructed scale

## Details

Color set from Matt Shanks & '@ChevyRay'

## Examples

```
library(scales)
show_col(hilda_pal(palette = "Dusk")(5))

library(ggplot2)
ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_color_hilda(palette = "Day")

ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_color_hilda(palette = "Night")

ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_colour_hilda(palette = "Day")

ggplot(mpg, aes(displ)) +
  geom_histogram(aes(fill = class), col = "black", size = 0.1) +
  scale_fill_hilda(palette = "Night")
```

---

import\_avatar

*Import "Slayer" font*

---

## Description

The Last Airbender font ("Slayer")

## Usage

```
import_avatar()
```

## Details

Actual font is Herculenum. `import_*`() functions taken from `hrbrthemes`. You may still need to install each font on your system directly by finding the `.ttf` file and clicking "Install".

import\_gravitationFalls

*Import "Gravitation Falls" font*

---

### Description

Imports Gravitation Falls font (Gravity Falls)

### Usage

```
import_gravitationFalls()
```

### Details

import\_\*(*)* functions taken from hbrthemes. Font made by MaxiGamer on DeviantArt! You may still need to install each font on your system directly by finding the .ttf file and clicking "Install".

### See Also

[font\\_import](#)

---

import\_rickAndMorty

*Import "Get Schwifty" font*

---

### Description

Rick & Morty font ("Get Schwifty")

### Usage

```
import_rickAndMorty()
```

### Details

Actual font is ... well, Justin Roiland's actual handwriting. import\_\*(*)* functions taken from hbrthemes. Created by jonizaak on DeviantArt! You may still need to install each font on your system directly by finding the .ttf file and clicking "Install".

---

|                 |                            |
|-----------------|----------------------------|
| import_simpsons | <i>Import "Akbar" font</i> |
|-----------------|----------------------------|

---

**Description**

The Simpsons Font ("Akbar" font)

**Usage**

```
import_simpsons()
```

**Details**

import\_\*(*)* functions taken from hbrthemes. Created by Jon Bernhardt. You may still need to install each font on your system directly by finding the .ttf file and clicking "Install".

**See Also**

[font\\_import](#)

---

|                  |                                      |
|------------------|--------------------------------------|
| import_spongeBob | <i>Import "Some-Time-Later" font</i> |
|------------------|--------------------------------------|

---

**Description**

spongeBob SquarePants font ("Some-Time-Later")

**Usage**

```
import_spongeBob()
```

**Details**

import\_\*(*)* functions taken from hbrthemes. Created by Frederick R. Brennan. You may still need to install each font on your system directly by finding the .ttf file and clicking "Install".

---

```
import_theLastAirbender
  Import "Slayer" font (deprecated)
```

---

**Description**

The Last Airbender font ("Slayer")

**Usage**

```
import_theLastAirbender()
```

**Details**

Actual font is Herculanum. `import_*`() functions taken from `hrbrthemes`. You may still need to install each font on your system directly by finding the `.ttf` file and clicking "Install".

---

```
kimPossible_pal      Kim Possible palette
```

---

**Description**

Kim Possible palette

**Usage**

```
kimPossible_pal(n, type = c("discrete", "continuous"), reverse = FALSE)
scale_color_kimPossible(n, type = "discrete", reverse = FALSE, ...)
scale_colour_kimPossible(n, type = "discrete", reverse = FALSE, ...)
scale_fill_kimPossible(n, type = "discrete", reverse = FALSE, ...)
```

**Arguments**

|                      |  |
|----------------------|--|
| <code>n</code>       | number of colors   |
| <code>type</code>    | discrete or continuous   |
| <code>reverse</code> | reverse order, Default: FALSE  |
| <code>...</code>     | Arguments passed on to <code>ggplot2::discrete_scale</code>  |
|                      | <code>aesthetics</code> The names of the aesthetics that this scale works with.                                  |
|                      | <code>scale_name</code> The name of the scale that should be used for error messages associated with this scale. |

**palette** A palette function that when called with a single integer argument (the number of levels in the scale) returns the values that they should take (e.g., `scales::hue_pal()`).

**name** The name of the scale. Used as the axis or legend title. If `waiver()`, the default, the name of the scale is taken from the first mapping used for that aesthetic. If `NULL`, the legend title will be omitted.

**breaks** One of:

- `NULL` for no breaks
- `waiver()` for the default breaks (the scale limits)
- A character vector of breaks
- A function that takes the limits as input and returns breaks as output. Also accepts rlang `lambda` function notation.

**labels** One of:

- `NULL` for no labels
- `waiver()` for the default labels computed by the transformation object
- A character vector giving labels (must be same length as breaks)
- A function that takes the breaks as input and returns labels as output. Also accepts rlang `lambda` function notation.

**limits** One of:

- `NULL` to use the default scale values
- A character vector that defines possible values of the scale and their order
- A function that accepts the existing (automatic) values and returns new ones. Also accepts rlang `lambda` function notation.

**expand** For position scales, a vector of range expansion constants used to add some padding around the data to ensure that they are placed some distance away from the axes. Use the convenience function `expansion()` to generate the values for the `expand` argument. The defaults are to expand the scale by 5% on each side for continuous variables, and by 0.6 units on each side for discrete variables.

**na.translate** Unlike continuous scales, discrete scales can easily show missing values, and do so by default. If you want to remove missing values from a discrete scale, specify `na.translate = FALSE`.

**na.value** If `na.translate = TRUE`, what aesthetic value should the missing values be displayed as? Does not apply to position scales where `NA` is always placed at the far right.

**drop** Should unused factor levels be omitted from the scale? The default, `TRUE`, uses the levels that appear in the data; `FALSE` uses all the levels in the factor.

**guide** A function used to create a guide or its name. See `guides()` for more information.

**position** For position scales, The position of the axis. `left` or `right` for y axes, `top` or `bottom` for x axes.

**super** The super class to use for the constructed scale

**Examples**

```

library(scales)
show_col(kimPossible_pal()(5))

library(ggplot2)
ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_color_kimPossible()

ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_colour_kimPossible()

ggplot(mpg, aes(displ)) +
  geom_histogram(aes(fill = class), col = "black", size = 0.1) +
  scale_fill_kimPossible()

```

---

paintBikiniBottom      *Add SpongeBob background*

---

**Description**

Add SpongeBob background

**Usage**

```

paintBikiniBottom(
  plot,
  width = 800,
  height = 500,
  output.file = NULL,
  background = "background",
  ...
)

```

**Arguments**

|             |  |
|-------------|--|
| plot        | the ggplot object you want to Spongbobify!             |
| width       | width, Default: 800                                    |
| height      | height, Default: 500                                   |
| output.file | File path to save image, Default: NULL                 |
| background  | "background" or "floral", Default: "background"        |
| ...         | Other options, see <code>?magick::image_graph()</code> |

**Details**

Adapted from ggpomological's 'paint\_pomological()' function!

**Value**

Your plot with a Spongebob themed background!

---

|                 |                                       |
|-----------------|---------------------------------------|
| parksAndRec_pal | <i>Parks &amp; Recreation palette</i> |
|-----------------|---------------------------------------|

---

**Description**

Parks & Recreation palette

**Usage**

```
parksAndRec_pal(n, type = c("discrete", "continuous"), reverse = FALSE)
```

```
scale_color_parksAndRec(n, type = "discrete", reverse = FALSE, ...)
```

```
scale_colour_parksAndRec(n, type = "discrete", reverse = FALSE, ...)
```

```
scale_fill_parksAndRec(n, type = "discrete", reverse = FALSE, ...)
```

**Arguments**

|            |  |
|------------|--|
| n          | number of colors   |
| type       | discrete or continuous   |
| reverse    | reverse order, Default: FALSE  |
| ...        | Arguments passed on to <code>ggplot2::discrete_scale</code>  |
| aesthetics | The names of the aesthetics that this scale works with.  |
| scale_name | The name of the scale that should be used for error messages associated with this scale.   |
| palette    | A palette function that when called with a single integer argument (the number of levels in the scale) returns the values that they should take (e.g., <code>scales::hue_pal()</code> ).   |
| name       | The name of the scale. Used as the axis or legend title. If <code>waiver()</code> , the default, the name of the scale is taken from the first mapping used for that aesthetic. If NULL, the legend title will be omitted.   |
| breaks     | One of: <ul style="list-style-type: none"> <li>• NULL for no breaks</li> <li>• <code>waiver()</code> for the default breaks (the scale limits)</li> <li>• A character vector of breaks</li> <li>• A function that takes the limits as input and returns breaks as output. Also accepts rlang <code>lambda</code> function notation.</li> </ul> |

labels One of:

- NULL for no labels
- `waiver()` for the default labels computed by the transformation object
- A character vector giving labels (must be same length as breaks)
- A function that takes the breaks as input and returns labels as output. Also accepts rlang `lambda` function notation.

limits One of:

- NULL to use the default scale values
- A character vector that defines possible values of the scale and their order
- A function that accepts the existing (automatic) values and returns new ones. Also accepts rlang `lambda` function notation.

expand For position scales, a vector of range expansion constants used to add some padding around the data to ensure that they are placed some distance away from the axes. Use the convenience function `expansion()` to generate the values for the `expand` argument. The defaults are to expand the scale by 5% on each side for continuous variables, and by 0.6 units on each side for discrete variables.

na.translate Unlike continuous scales, discrete scales can easily show missing values, and do so by default. If you want to remove missing values from a discrete scale, specify `na.translate = FALSE`.

na.value If `na.translate = TRUE`, what aesthetic value should the missing values be displayed as? Does not apply to position scales where NA is always placed at the far right.

drop Should unused factor levels be omitted from the scale? The default, `TRUE`, uses the levels that appear in the data; `FALSE` uses all the levels in the factor.

guide A function used to create a guide or its name. See `guides()` for more information.

position For position scales, The position of the axis. `left` or `right` for y axes, `top` or `bottom` for x axes.

super The super class to use for the constructed scale

## Examples

```
library(scales)
show_col(parksAndRec_pal()(5))

library(ggplot2)
ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_color_parksAndRec()

ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_colour_parksAndRec()
```



```
ggplot(mpg, aes(displ)) +
  geom_histogram(aes(fill = class), col = "black", size = 0.1) +
  scale_fill_parksAndRec()
```

---

rickAndMorty\_pal      *Rick & Morty color palette*

---

## Description

Rick & Morty color palette

## Usage

```
rickAndMorty_pal(n, type = c("discrete", "continuous"), reverse = FALSE)
scale_color_rickAndMorty(n, type = "discrete", reverse = FALSE, ...)
scale_colour_rickAndMorty(n, type = "discrete", reverse = FALSE, ...)
scale_fill_rickAndMorty(n, type = "discrete", reverse = FALSE, ...)
```

## Arguments

|            |  |
|------------|--|
| n          | number of colors   |
| type       | discrete or continuous   |
| reverse    | reverse order, Default: FALSE  |
| ...        | Arguments passed on to <a href="#">ggplot2::discrete_scale</a>   |
| aesthetics | The names of the aesthetics that this scale works with.  |
| scale_name | The name of the scale that should be used for error messages associated with this scale.   |
| palette    | A palette function that when called with a single integer argument (the number of levels in the scale) returns the values that they should take (e.g., <a href="#">scales::hue_pal()</a> ).  |
| name       | The name of the scale. Used as the axis or legend title. If <a href="#">waiver()</a> , the default, the name of the scale is taken from the first mapping used for that aesthetic. If NULL, the legend title will be omitted.  |
| breaks     | One of: <ul style="list-style-type: none"> <li>• NULL for no breaks</li> <li>• <a href="#">waiver()</a> for the default breaks (the scale limits)</li> <li>• A character vector of breaks</li> <li>• A function that takes the limits as input and returns breaks as output. Also accepts rlang <a href="#">lambda</a> function notation.</li> </ul> |
| labels     | One of: <ul style="list-style-type: none"> <li>• NULL for no labels</li> </ul>   |

- `waiver()` for the default labels computed by the transformation object
  - A character vector giving labels (must be same length as breaks)
  - A function that takes the breaks as input and returns labels as output. Also accepts rlang `lambda` function notation.
- limits** One of:
- NULL to use the default scale values
  - A character vector that defines possible values of the scale and their order
  - A function that accepts the existing (automatic) values and returns new ones. Also accepts rlang `lambda` function notation.
- expand** For position scales, a vector of range expansion constants used to add some padding around the data to ensure that they are placed some distance away from the axes. Use the convenience function `expansion()` to generate the values for the `expand` argument. The defaults are to expand the scale by 5% on each side for continuous variables, and by 0.6 units on each side for discrete variables.
- na.translate** Unlike continuous scales, discrete scales can easily show missing values, and do so by default. If you want to remove missing values from a discrete scale, specify `na.translate = FALSE`.
- na.value** If `na.translate = TRUE`, what aesthetic value should the missing values be displayed as? Does not apply to position scales where NA is always placed at the far right.
- drop** Should unused factor levels be omitted from the scale? The default, TRUE, uses the levels that appear in the data; FALSE uses all the levels in the factor.
- guide** A function used to create a guide or its name. See `guides()` for more information.
- position** For position scales, The position of the axis. `left` or `right` for y axes, `top` or `bottom` for x axes.
- super** The super class to use for the constructed scale

## Examples

```
library(scales)
show_col(rickAndMorty_pal()(5))

library(ggplot2)
ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_color_rickAndMorty()

ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_colour_rickAndMorty()

ggplot(mpg, aes(displ)) +
  geom_histogram(aes(fill = class), col = "black", size = 0.1) +
  scale_fill_rickAndMorty()
```

---

|              |                             |
|--------------|-----------------------------|
| simpsons_pal | <i>The Simpsons palette</i> |
|--------------|-----------------------------|

---

**Description**

The Simpsons palette

**Usage**

```
simpsons_pal(n, type = c("discrete", "continuous"), reverse = FALSE)
scale_color_simpsons(n, type = "discrete", reverse = FALSE, ...)
scale_colour_simpsons(n, type = "discrete", reverse = FALSE, ...)
scale_fill_simpsons(n, type = "discrete", reverse = FALSE, ...)
```

**Arguments**

|            |   |
|------------|---|
| n          | number of colors  |
| type       | discrete or continuous  |
| reverse    | reverse order, Default: FALSE   |
| ...        | Arguments passed on to <a href="#">ggplot2::discrete_scale</a>  |
| aesthetics | The names of the aesthetics that this scale works with.   |
| scale_name | The name of the scale that should be used for error messages associated with this scale.  |
| palette    | A palette function that when called with a single integer argument (the number of levels in the scale) returns the values that they should take (e.g., <a href="#">scales::hue_pal()</a> ).   |
| name       | The name of the scale. Used as the axis or legend title. If <a href="#">waiver()</a> , the default, the name of the scale is taken from the first mapping used for that aesthetic. If NULL, the legend title will be omitted.   |
| breaks     | One of: <ul style="list-style-type: none"> <li>• NULL for no breaks</li> <li>• <a href="#">waiver()</a> for the default breaks (the scale limits)</li> <li>• A character vector of breaks</li> <li>• A function that takes the limits as input and returns breaks as output. Also accepts rlang <a href="#">lambda</a> function notation.</li> </ul>  |
| labels     | One of: <ul style="list-style-type: none"> <li>• NULL for no labels</li> <li>• <a href="#">waiver()</a> for the default labels computed by the transformation object</li> <li>• A character vector giving labels (must be same length as breaks)</li> <li>• A function that takes the breaks as input and returns labels as output. Also accepts rlang <a href="#">lambda</a> function notation.</li> </ul> |

limits One of:

- NULL to use the default scale values
- A character vector that defines possible values of the scale and their order
- A function that accepts the existing (automatic) values and returns new ones. Also accepts rlang `lambda` function notation.

expand For position scales, a vector of range expansion constants used to add some padding around the data to ensure that they are placed some distance away from the axes. Use the convenience function `expansion()` to generate the values for the `expand` argument. The defaults are to expand the scale by 5% on each side for continuous variables, and by 0.6 units on each side for discrete variables.

na.translate Unlike continuous scales, discrete scales can easily show missing values, and do so by default. If you want to remove missing values from a discrete scale, specify `na.translate = FALSE`.

na.value If `na.translate = TRUE`, what aesthetic value should the missing values be displayed as? Does not apply to position scales where NA is always placed at the far right.

drop Should unused factor levels be omitted from the scale? The default, TRUE, uses the levels that appear in the data; FALSE uses all the levels in the factor.

guide A function used to create a guide or its name. See `guides()` for more information.

position For position scales, The position of the axis. `left` or `right` for y axes, `top` or `bottom` for x axes.

super The super class to use for the constructed scale

## Examples

```
library(scales)
show_col(simpsons_pal()(5))
```

```
library(ggplot2)
ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_color_simpsons()
```

```
ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_color_simpsons()
```

```
ggplot(mpg, aes(displ)) +
  geom_histogram(aes(fill = class), col = "black", size = 0.1) +
  scale_fill_simpsons()
```

---

|               |                                      |
|---------------|--------------------------------------|
| spongeBob_pal | <i>Spongebob Squarepants palette</i> |
|---------------|--------------------------------------|

---

**Description**

Spongebob Squarepants palette

**Usage**

```
spongeBob_pal(n, type = c("discrete", "continuous"), reverse = FALSE)
```

```
scale_color_spongeBob(n, type = "discrete", reverse = FALSE, ...)
```

```
scale_colour_spongeBob(n, type = "discrete", reverse = FALSE, ...)
```

```
scale_fill_spongeBob(n, type = "discrete", reverse = FALSE, ...)
```

**Arguments**

|            |   |
|------------|---|
| n          | number of colors  |
| type       | discrete or continuous  |
| reverse    | reverse order, Default: FALSE   |
| ...        | Arguments passed on to <a href="#">ggplot2::discrete_scale</a>  |
| aesthetics | The names of the aesthetics that this scale works with.   |
| scale_name | The name of the scale that should be used for error messages associated with this scale.  |
| palette    | A palette function that when called with a single integer argument (the number of levels in the scale) returns the values that they should take (e.g., <a href="#">scales::hue_pal()</a> ).   |
| name       | The name of the scale. Used as the axis or legend title. If <a href="#">waiver()</a> , the default, the name of the scale is taken from the first mapping used for that aesthetic. If NULL, the legend title will be omitted.   |
| breaks     | One of: <ul style="list-style-type: none"> <li>• NULL for no breaks</li> <li>• <a href="#">waiver()</a> for the default breaks (the scale limits)</li> <li>• A character vector of breaks</li> <li>• A function that takes the limits as input and returns breaks as output. Also accepts rlang <a href="#">lambda</a> function notation.</li> </ul>  |
| labels     | One of: <ul style="list-style-type: none"> <li>• NULL for no labels</li> <li>• <a href="#">waiver()</a> for the default labels computed by the transformation object</li> <li>• A character vector giving labels (must be same length as breaks)</li> <li>• A function that takes the breaks as input and returns labels as output. Also accepts rlang <a href="#">lambda</a> function notation.</li> </ul> |

limits One of:

- NULL to use the default scale values
- A character vector that defines possible values of the scale and their order
- A function that accepts the existing (automatic) values and returns new ones. Also accepts rlang `lambda` function notation.

expand For position scales, a vector of range expansion constants used to add some padding around the data to ensure that they are placed some distance away from the axes. Use the convenience function `expansion()` to generate the values for the `expand` argument. The defaults are to expand the scale by 5% on each side for continuous variables, and by 0.6 units on each side for discrete variables.

na.translate Unlike continuous scales, discrete scales can easily show missing values, and do so by default. If you want to remove missing values from a discrete scale, specify `na.translate = FALSE`.

na.value If `na.translate = TRUE`, what aesthetic value should the missing values be displayed as? Does not apply to position scales where NA is always placed at the far right.

drop Should unused factor levels be omitted from the scale? The default, TRUE, uses the levels that appear in the data; FALSE uses all the levels in the factor.

guide A function used to create a guide or its name. See `guides()` for more information.

position For position scales, The position of the axis. `left` or `right` for y axes, `top` or `bottom` for x axes.

super The super class to use for the constructed scale

## Examples

```
library(scales)
show_col(spongeBob_pal()(5))

library(ggplot2)
ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_color_spongeBob()

ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_color_spongeBob()

ggplot(mpg, aes(displ)) +
  geom_histogram(aes(fill = class), col = "black", size = 0.1) +
  scale_fill_spongeBob()
```

---

stevenUniverse\_pal     *Gems & Friends of Steven Universe palette*

---

### Description

Steven, Garnet, Amethyst, Pearl, Peridot, Sardonyx, Nephrite, Sugilite, & more!

### Usage

```
stevenUniverse_pal(  
  palette = "Steven",  
  n,  
  type = c("discrete", "continuous"),  
  reverse = FALSE  
)
```

```
scale_color_stevenUniverse(  
  palette = "Steven",  
  n,  
  type = "discrete",  
  reverse = FALSE,  
  ...  
)
```

```
scale_colour_stevenUniverse(  
  palette = "Steven",  
  n,  
  type = "discrete",  
  reverse = FALSE,  
  ...  
)
```

```
scale_fill_stevenUniverse(  
  palette = "Steven",  
  n,  
  type = "discrete",  
  reverse = FALSE,  
  ...  
)
```

### Arguments

|         |                                    |
|---------|------------------------------------|
| palette | name of palette, Default: "Steven" |
| n       | number of colors                   |
| type    | discrete or continuous             |
| reverse | reverse order, Default: FALSE      |

...

Arguments passed on to `ggplot2::discrete_scale`

**aesthetics** The names of the aesthetics that this scale works with.

**scale\_name** The name of the scale that should be used for error messages associated with this scale.

**name** The name of the scale. Used as the axis or legend title. If `waiver()`, the default, the name of the scale is taken from the first mapping used for that aesthetic. If `NULL`, the legend title will be omitted.

**breaks** One of:

- `NULL` for no breaks
- `waiver()` for the default breaks (the scale limits)
- A character vector of breaks
- A function that takes the limits as input and returns breaks as output. Also accepts rlang `lambda` function notation.

**labels** One of:

- `NULL` for no labels
- `waiver()` for the default labels computed by the transformation object
- A character vector giving labels (must be same length as breaks)
- A function that takes the breaks as input and returns labels as output. Also accepts rlang `lambda` function notation.

**limits** One of:

- `NULL` to use the default scale values
- A character vector that defines possible values of the scale and their order
- A function that accepts the existing (automatic) values and returns new ones. Also accepts rlang `lambda` function notation.

**expand** For position scales, a vector of range expansion constants used to add some padding around the data to ensure that they are placed some distance away from the axes. Use the convenience function `expansion()` to generate the values for the `expand` argument. The defaults are to expand the scale by 5% on each side for continuous variables, and by 0.6 units on each side for discrete variables.

**na.translate** Unlike continuous scales, discrete scales can easily show missing values, and do so by default. If you want to remove missing values from a discrete scale, specify `na.translate = FALSE`.

**na.value** If `na.translate = TRUE`, what aesthetic value should the missing values be displayed as? Does not apply to position scales where `NA` is always placed at the far right.

**drop** Should unused factor levels be omitted from the scale? The default, `TRUE`, uses the levels that appear in the data; `FALSE` uses all the levels in the factor.

**guide** A function used to create a guide or its name. See `guides()` for more information.

**position** For position scales, The position of the axis. `left` or `right` for y axes, `top` or `bottom` for x axes.

**super** The super class to use for the constructed scale



**Examples**

```

library(scales)
show_col(stevenUniverse_pal(palette = "Steven")(5))
show_col(stevenUniverse_pal(palette = "Pearl")(5))

library(ggplot2)
ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_color_stevenUniverse(palette = "Steven")

ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_colour_stevenUniverse(palette = "Peridot")

ggplot(mpg, aes(displ)) +
  geom_histogram(aes(fill = class), col = "black", size = 0.1) +
  scale_fill_stevenUniverse(palette = "LapisLazuli")

```

---

 theme\_avatar

*Avatar: The Last Airbender theme*


---

**Description**

Avatar: The Last Airbender theme, Recommended font: "Slayer"

**Usage**

```

theme_avatar(
  text.font = NULL,
  title.font = NULL,
  legend.font = NULL,
  title.size = 14,
  text.size = 10,
  subtitle.size = 12,
  axis.title.size = 10,
  axis.text.size = 8,
  legend.title.size = 10,
  legend.text.size = 8,
  title.color = NULL,
  subtitle.color = "grey20",
  text.color = NULL,
  axis.title.color = "grey20",
  axis.text.color = "grey20",
  legend.title.color = "grey20",
  legend.text.color = "grey20",
  legend.position = "bottom",

```

```

    ticks = FALSE
  )

```

### Arguments

|                    |                                       |
|--------------------|---------------------------------------|
| text.font          | text font, Default: NULL              |
| title.font         | title font, Default: NULL             |
| legend.font        | legend font, Default: NULL            |
| title.size         | title font size, Default: 14          |
| text.size          | text font size, Default: 10           |
| subtitle.size      | subtitle font size, Default: 12       |
| axis.title.size    | axis title font size, Default: 10     |
| axis.text.size     | axis text font size, Default: 8       |
| legend.title.size  | legend title font size, Default: 10   |
| legend.text.size   | legend text font size, Default: 8     |
| title.color        | title color, Default: NULL            |
| subtitle.color     | subtitle color, Default: "grey20"     |
| text.color         | text color, Default: NULL             |
| axis.title.color   | axis title color, Default: "grey20"   |
| axis.text.color    | axis text color, Default: "grey20"    |
| legend.title.color | legend title color, Default: "grey20" |
| legend.text.color  | legend text color, Default: "grey20"  |
| legend.position    | legend position, Default: "bottom"    |
| ticks              | add axis ticks, Default: FALSE        |

### See Also

[ggplot2::theme]

### Examples

```

library(ggplot2)

ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_color_avatar() +
  theme_avatar()

```

---

|                  |                                 |
|------------------|---------------------------------|
| theme_brooklyn99 | <i>Brooklyn Nine-Nine theme</i> |
|------------------|---------------------------------|

---

### Description

Brooklyn Nine-Nine theme, Recommended font: "Roboto Condensed" (title), "Calibri Light" (other text)

### Usage

```
theme_brooklyn99(  
  text.font = NULL,  
  title.font = NULL,  
  legend.font = NULL,  
  title.size = 18,  
  text.size = 14,  
  subtitle.size = 12,  
  axis.title.size = 14,  
  axis.text.size = 12,  
  legend.title.size = 10,  
  legend.text.size = 9,  
  title.color = "#F9FEFF",  
  subtitle.color = "#F9FEFF",  
  text.color = "#F9FEFF",  
  axis.title.color = "#F9FEFF",  
  axis.text.color = "#F9FEFF",  
  legend.title.color = "#F9FEFF",  
  legend.text.color = "#F9FEFF",  
  legend.position = "bottom",  
  ticks = FALSE  
)
```

### Arguments

|                   |                                     |
|-------------------|-------------------------------------|
| text.font         | text font, Default: NULL            |
| title.font        | title font, Default: NULL           |
| legend.font       | legend font, Default: NULL          |
| title.size        | title font size, Default: 18        |
| text.size         | text font size, Default: 14         |
| subtitle.size     | subtitle font size, Default: 12     |
| axis.title.size   | axis title font size, Default: 14   |
| axis.text.size    | axis text font size, Default: 12    |
| legend.title.size | legend title font size, Default: 10 |

|                    |                                       |
|--------------------|---------------------------------------|
| legend.text.size   | legend text font size, Default: 9     |
| title.color        | title color, Default: "F9FEFF"        |
| subtitle.color     | subtitle.color, Default: "F9FEFF"     |
| text.color         | text color, Default: "F9FEFF"         |
| axis.title.color   | axis title color, Default: "F9FEFF"   |
| axis.text.color    | axis text color, Default: "F9FEFF"    |
| legend.title.color | legend title color, Default: "F9FEFF" |
| legend.text.color  | legend text color, Default: "F9FEFF"  |
| legend.position    | legend position, Default: "bottom"    |
| ticks              | add axis ticks, Default: FALSE        |

### Details

Actual font: Variants of 'Univers'

### See Also

[ggplot2::theme]

### Examples

```
library(ggplot2)

ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_color_brooklyn99() +
  theme_brooklyn99()
```

---

theme\_hildaDay

*Hilda "Day" theme*

---

### Description

Hilda Day theme

**Usage**

```

theme_hildaDay(
  text.font = "Chelsea Market",
  title.font = "Chelsea Market",
  legend.font = "Chelsea Market",
  title.size = 18,
  text.size = 14,
  subtitle.size = 12,
  axis.title.size = 14,
  axis.text.size = 12,
  legend.title.size = 10,
  legend.text.size = 9,
  title.color = "#659794",
  subtitle.color = "#659794",
  text.color = "#659794",
  axis.title.color = "#659794",
  axis.text.color = "#93a1a1",
  legend.title.color = "#659794",
  legend.text.color = "#93a1a1",
  legend.position = "bottom",
  ticks = FALSE
)

```

**Arguments**

|                   |  |
|-------------------|--|
| text.font         | text font, Default: "Chelsea Market"   |
| title.font        | title font, Default: "Chelsea Market"  |
| legend.font       | legend font, Default: "Chelsea Market" |
| title.size        | title font size, Default: 18           |
| text.size         | text font size, Default: 14            |
| subtitle.size     | subtitle font size, Default: 12        |
| axis.title.size   | axis title font size, Default: 14      |
| axis.text.size    | axis text font size, Default: 12       |
| legend.title.size | legend title font size, Default: 10    |
| legend.text.size  | legend text font size, Default: 9      |
| title.color       | title color, Default: '#F9FEFF'        |
| subtitle.color    | subtitle color, Default: '#F9FEFF'     |
| text.color        | text color, Default: '#F9FEFF'         |
| axis.title.color  | axis title color, Default: '#F9FEFF'   |
| axis.text.color   | axis text color, Default: '#F9FEFF'    |

```

legend.title.color      legend title color, Default: '#F9FEFF'
legend.text.color      legend text color, Default: '#F9FEFF'
legend.position        legend position, Default: 'bottom'
ticks                  add axis ticks, Default: FALSE

```

### Examples

```

library(ggplot2)

ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_color_hilda(palette = "Day") +
  theme_hildaDay(text.font = "Times", title.font = "Times",
    legend.font = "Times")

```

---

|                 |                           |
|-----------------|---------------------------|
| theme_hildaDusk | <i>Hilda "Dusk" theme</i> |
|-----------------|---------------------------|

---

### Description

Hilda theme

### Usage

```

theme_hildaDusk(
  text.font = "Chelsea Market",
  title.font = "Chelsea Market",
  legend.font = "Chelsea Market",
  title.size = 18,
  text.size = 14,
  subtitle.size = 12,
  axis.title.size = 14,
  axis.text.size = 12,
  legend.title.size = 10,
  legend.text.size = 9,
  title.color = "#F9FEFF",
  subtitle.color = "#F9FEFF",
  text.color = "#F9FEFF",
  axis.title.color = "#F9FEFF",
  axis.text.color = "#F9FEFF",
  legend.title.color = "#F9FEFF",
  legend.text.color = "#F9FEFF",
  legend.position = "bottom",
  ticks = FALSE
)

```

**Arguments**

|                    |  |
|--------------------|--|
| text.font          | text font, Default: "Chelsea Market"   |
| title.font         | title font, Default: "Chelsea Market"  |
| legend.font        | legend font, Default: "Chelsea Market" |
| title.size         | title font size, Default: 18           |
| text.size          | text font size, Default: 14            |
| subtitle.size      | subtitle font size, Default: 12        |
| axis.title.size    | axis title font size, Default: 14      |
| axis.text.size     | axis text font size, Default: 12       |
| legend.title.size  | legend title font size, Default: 10    |
| legend.text.size   | legend text font size, Default: 9      |
| title.color        | title color, Default: '#F9FEFF'        |
| subtitle.color     | subtitle color, Default: '#F9FEFF'     |
| text.color         | text color, Default: '#F9FEFF'         |
| axis.title.color   | axis title color, Default: '#F9FEFF'   |
| axis.text.color    | axis text color, Default: '#F9FEFF'    |
| legend.title.color | legend title color, Default: '#F9FEFF' |
| legend.text.color  | legend text color, Default: '#F9FEFF'  |
| legend.position    | legend position, Default: 'bottom'     |
| ticks              | add axis ticks, Default: FALSE         |

**Examples**

```
library(ggplot2)

ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_color_hilda(palette = "Dusk") +
  theme_hildaDusk(text.font = "Times", title.font = "Times",
    legend.font = "Times")
```

---

|                  |                            |
|------------------|----------------------------|
| theme_hildaNight | <i>Hilda "Night" theme</i> |
|------------------|----------------------------|

---

## Description

Hilda theme

## Usage

```
theme_hildaNight(  
  text.font = "Chelsea Market",  
  title.font = "Chelsea Market",  
  legend.font = "Chelsea Market",  
  title.size = 18,  
  text.size = 14,  
  subtitle.size = 12,  
  axis.title.size = 14,  
  axis.text.size = 12,  
  legend.title.size = 10,  
  legend.text.size = 9,  
  title.color = "#F9FEFF",  
  subtitle.color = "#F9FEFF",  
  text.color = "#F9FEFF",  
  axis.title.color = "#F9FEFF",  
  axis.text.color = "#F9FEFF",  
  legend.title.color = "#F9FEFF",  
  legend.text.color = "#F9FEFF",  
  legend.position = "bottom",  
  ticks = FALSE  
)
```

## Arguments

|                   |  |
|-------------------|--|
| text.font         | text font, Default: "Chelsea Market"   |
| title.font        | title font, Default: "Chelsea Market"  |
| legend.font       | legend font, Default: "Chelsea Market" |
| title.size        | title font size, Default: 18           |
| text.size         | text font size, Default: 14            |
| subtitle.size     | subtitle font size, Default: 12        |
| axis.title.size   | axis title font size, Default: 14      |
| axis.text.size    | axis text font size, Default: 12       |
| legend.title.size | legend title font size, Default: 10    |



```

legend.text.size      legend text font size, Default: 9
title.color           title color, Default: '#F9FEFF'
subtitle.color        subtitle color, Default: '#F9FEFF'
text.color            text color, Default: '#F9FEFF'
axis.title.color      axis title color, Default: '#F9FEFF'
axis.text.color       axis text color, Default: '#F9FEFF'
legend.title.color    legend title color, Default: '#F9FEFF'
legend.text.color     legend text color, Default: '#F9FEFF'
legend.position       legend position, Default: 'bottom'
ticks                 add axis ticks, Default: FALSE

```

### Examples

```

library(ggplot2)

ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_color_hilda(palette = "Night") +
  theme_hildaNight(text.font = "Times", title.font = "Times",
    legend.font = "Times")

```

---

theme\_parksAndRec      *Parks & Recreation theme*

---

### Description

Parks & Recreation theme, Recommended font: "Titillium Web"

### Usage

```

theme_parksAndRec(
  text.font = NULL,
  title.font = NULL,
  legend.font = NULL,
  title.size = 20,
  text.size = 16,
  subtitle.size = 14,
  axis.title.size = 14,
  axis.text.size = 12,

```

```

    legend.title.size = 14,
    legend.text.size = 12,
    title.color = NULL,
    subtitle.color = NULL,
    text.color = NULL,
    axis.title.color = "black",
    axis.text.color = "black",
    legend.title.color = NULL,
    legend.text.color = NULL,
    legend.position = "bottom",
    ticks = FALSE
)

```

### Arguments

|                    |                                     |
|--------------------|-------------------------------------|
| text.font          | text font, Default: NULL            |
| title.font         | title font, Default: NULL           |
| legend.font        | legend font, Default: NULL          |
| title.size         | title font size, Default: 20        |
| text.size          | text font size, Default: 16         |
| subtitle.size      | subtitle font size, Default: 14     |
| axis.title.size    | axis title font size, Default: 14   |
| axis.text.size     | axis text font size, Default: 12    |
| legend.title.size  | legend title font size, Default: 14 |
| legend.text.size   | legend text font size, Default: 12  |
| title.color        | title color, Default: NULL          |
| subtitle.color     | subtitle.color, Default: NULL       |
| text.color         | text color, Default: NULL           |
| axis.title.color   | axis title color, Default: NULL     |
| axis.text.color    | axis text color, Default: NULL      |
| legend.title.color | legend title color, Default: NULL   |
| legend.text.color  | legend text color, Default: NULL    |
| legend.position    | legend position, Default: "bottom"  |
| ticks              | add axis ticks, Default: FALSE      |

### Details

Actual font: 'Champion HTF-Heavyweight'

**See Also**

[ggplot2::theme]

**Examples**

```
library(ggplot2)

ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_color_parksAndRec() +
  theme_parksAndRec()
```

---

theme\_parksAndRecLight

*Parks & Recreation "Light" theme*

---

**Description**

Parks & Recreation light theme, Recommended font: "Titillium Web"

**Usage**

```
theme_parksAndRecLight(
  text.font = NULL,
  title.font = NULL,
  legend.font = NULL,
  title.size = 20,
  text.size = 16,
  subtitle.size = 14,
  axis.title.size = 14,
  axis.text.size = 12,
  legend.title.size = 14,
  legend.text.size = 12,
  title.color = "grey20",
  subtitle.color = "grey20",
  text.color = "grey20",
  axis.title.color = "grey20",
  axis.text.color = "grey20",
  legend.title.color = "grey20",
  legend.text.color = "grey20",
  legend.position = "bottom",
  ticks = FALSE
)
```

**Arguments**

|                                 |                                       |
|---------------------------------|---------------------------------------|
| <code>text.font</code>          | text font, Default: NULL              |
| <code>title.font</code>         | title font, Default: NULL             |
| <code>legend.font</code>        | legend font, Default: NULL            |
| <code>title.size</code>         | title font size, Default: 20          |
| <code>text.size</code>          | text font size, Default: 16           |
| <code>subtitle.size</code>      | subtitle font size, Default: 14       |
| <code>axis.title.size</code>    | axis title font size, Default: 14     |
| <code>axis.text.size</code>     | axis text font size, Default: 12      |
| <code>legend.title.size</code>  | legend title font size, Default: 14   |
| <code>legend.text.size</code>   | legend text font size, Default: 12    |
| <code>title.color</code>        | title color, Default: "grey20"        |
| <code>subtitle.color</code>     | subtitle color, Default: "grey20"     |
| <code>text.color</code>         | text color, Default: "grey20"         |
| <code>axis.title.color</code>   | axis title color, Default: "grey20"   |
| <code>axis.text.color</code>    | axis text color, Default: "grey20"    |
| <code>legend.title.color</code> | legend title color, Default: "grey20" |
| <code>legend.text.color</code>  | legend text color, Default: "grey20"  |
| <code>legend.position</code>    | legend position, Default: "bottom"    |
| <code>ticks</code>              | add axis ticks, Default: FALSE        |

**Details**

Actual font: 'Champion HTF-Heavyweight'

**See Also**

[`ggplot2::theme`]

**Examples**

```
library(ggplot2)

ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_color_parksAndRec() +
  theme_parksAndRecLight()
```

---

`theme_parksAndRec_light`*Parks & Recreation "Light" theme (deprecated)*

---

### Description

Parks & Recreation light theme, Recommended font: "Titillium Web"

### Usage

```
theme_parksAndRec_light(  
    text.font = NULL,  
    title.font = NULL,  
    legend.font = NULL,  
    title.size = 20,  
    text.size = 16,  
    subtitle.size = 14,  
    axis.title.size = 14,  
    axis.text.size = 12,  
    legend.title.size = 14,  
    legend.text.size = 12,  
    title.color = "grey20",  
    subtitle.color = "grey20",  
    text.color = "grey20",  
    axis.title.color = "grey20",  
    axis.text.color = "grey20",  
    legend.title.color = "grey20",  
    legend.text.color = "grey20",  
    legend.position = "bottom",  
    ticks = FALSE  
)
```

### Arguments

|                                |                                     |
|--------------------------------|-------------------------------------|
| <code>text.font</code>         | text font, Default: NULL            |
| <code>title.font</code>        | title font, Default: NULL           |
| <code>legend.font</code>       | legend font, Default: NULL          |
| <code>title.size</code>        | title font size, Default: 20        |
| <code>text.size</code>         | text font size, Default: 16         |
| <code>subtitle.size</code>     | subtitle font size, Default: 14     |
| <code>axis.title.size</code>   | axis title font size, Default: 14   |
| <code>axis.text.size</code>    | axis text font size, Default: 12    |
| <code>legend.title.size</code> | legend title font size, Default: 14 |

|                    |                                       |
|--------------------|---------------------------------------|
| legend.text.size   | legend text font size, Default: 12    |
| title.color        | title color, Default: "grey20"        |
| subtitle.color     | subtitle.color, Default: "grey20"     |
| text.color         | text color, Default: "grey20"         |
| axis.title.color   | axis title color, Default: "grey20"   |
| axis.text.color    | axis text color, Default: "grey20"    |
| legend.title.color | legend title color, Default: "grey20" |
| legend.text.color  | legend text color, Default: "grey20"  |
| legend.position    | legend position, Default: "bottom"    |
| ticks              | add axis ticks, Default: FALSE        |

### Details

Actual font: 'Champion HTF-Heavyweight' This function has been deprecated in favor of 'theme\_parksAndRecLight' to follow the naming conventions of the package.

### See Also

[ggplot2::theme]

---

theme\_rickAndMorty     *Rick & Morty theme*

---

### Description

Rick & Morty theme, Recommended font: "Get Schwifty"

### Usage

```
theme_rickAndMorty(  
  text.font = NULL,  
  title.font = NULL,  
  legend.font = NULL,  
  title.size = 20,  
  text.size = 12,  
  subtitle.size = 14,  
  axis.title.size = 14,  
  axis.text.size = 10,  
  legend.title.size = 10,
```

```

    legend.text.size = 9,
    title.color = NULL,
    subtitle.color = NULL,
    text.color = NULL,
    axis.title.color = NULL,
    axis.text.color = "black",
    legend.title.color = NULL,
    legend.text.color = NULL,
    legend.position = "bottom",
    ticks = FALSE
)

```

### Arguments

|                    |                                     |
|--------------------|-------------------------------------|
| text.font          | text font, Default: NULL            |
| title.font         | title font, Default: NULL           |
| legend.font        | legend font, Default: NULL          |
| title.size         | title size, Default: 20             |
| text.size          | text font size, Default: 12         |
| subtitle.size      | subtitle font size, Default: 14     |
| axis.title.size    | axis title font size, Default: 14   |
| axis.text.size     | axis text font size, Default: 10    |
| legend.title.size  | legend title font size, Default: 10 |
| legend.text.size   | legend text font size, Default: 9   |
| title.color        | title color, Default: NULL          |
| subtitle.color     | subtitle.color, Default: NULL       |
| text.color         | text color, Default: NULL           |
| axis.title.color   | axis title color, Default: NULL     |
| axis.text.color    | axis text color, Default: "black"   |
| legend.title.color | legend title color, Default: NULL   |
| legend.text.color  | legend text color, Default: NULL    |
| legend.position    | legend position, Default: "bottom"  |
| ticks              | add axis ticks, Default: FALSE      |

### Details

Actual font is based on Justin Roiland's handwriting!

**See Also**`[ggplot2::theme]`**Examples**

```
library(ggplot2)

ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_color_rickAndMorty() +
  theme_rickAndMorty()
```

---

`theme_simpsons`*The Simpsons theme*

---

**Description**

The Simpsons theme, Recommended font: "Akbar"

**Usage**

```
theme_simpsons(
  text.font = NULL,
  title.font = NULL,
  legend.font = NULL,
  title.size = 18,
  text.size = 14,
  subtitle.size = 12,
  axis.title.size = 14,
  axis.text.size = 10,
  legend.title.size = 10,
  legend.text.size = 9,
  title.color = "#FFD235",
  subtitle.color = "#fee8c8",
  text.color = "#fee8c8",
  axis.title.color = "#fee8c8",
  axis.text.color = "#fee8c8",
  legend.title.color = "#ffffff",
  legend.text.color = "#ffffff",
  legend.position = "bottom",
  ticks = FALSE
)
```



**Arguments**

|                    |  |
|--------------------|--|
| text.font          | text font, Default: NULL               |
| title.font         | title font, Default: NULL              |
| legend.font        | legend font, Default: NULL             |
| title.size         | title font size, Default: 18           |
| text.size          | text font size, Default: 14            |
| subtitle.size      | subtitle font size, Default: 12        |
| axis.title.size    | axis title font size, Default: 14      |
| axis.text.size     | axis text font size, Default: 10       |
| legend.title.size  | legend title font size, Default: 10    |
| legend.text.size   | legend text font size, Default: 9      |
| title.color        | title color, Default: "#FFD235"        |
| subtitle.color     | subtitle color, Default: "#fee8c8"     |
| text.color         | text color, Default: "#fee8c8"         |
| axis.title.color   | axis title color, Default: "#fee8c8"   |
| axis.text.color    | axis text color, Default: "#fee8c8"    |
| legend.title.color | legend title color, Default: "#ffffff" |
| legend.text.color  | legend text color, Default: "#ffffff"  |
| legend.position    | legend position, Default: "bottom"     |
| ticks              | add axis ticks, Default: FALSE         |

**Details**

In part inspired by '@nathancunn's blog posts on The Simpsons!

**See Also**

[ggplot2::theme]

**Examples**

```
library(ggplot2)

ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_color_simpsons() +
  theme_simpsons()
```

---

|                 |                                    |
|-----------------|------------------------------------|
| theme_spongeBob | <i>Spongebob Squarepants theme</i> |
|-----------------|------------------------------------|

---

## Description

Spongebob Squarepants theme, Recommended font: "Some Time Later"

## Usage

```
theme_spongeBob(
  text.font = NULL,
  title.font = NULL,
  legend.font = NULL,
  title.size = 18,
  text.size = 12,
  subtitle.size = 12,
  axis.title.size = 14,
  axis.text.size = 12,
  legend.title.size = 10,
  legend.text.size = 9,
  title.color = "#F9FEFF",
  subtitle.color = "#F9FEFF",
  text.color = "#F9FEFF",
  axis.title.color = "#F9FEFF",
  axis.text.color = "#F9FEFF",
  legend.title.color = "#F9FEFF",
  legend.text.color = "#F9FEFF",
  legend.position = "bottom",
  ticks = FALSE
)
```

## Arguments

|                   |                                     |
|-------------------|-------------------------------------|
| text.font         | text font, Default: NULL            |
| title.font        | title font, Default: NULL           |
| legend.font       | legend font, Default: NULL          |
| title.size        | size of title, Default: 18          |
| text.size         | text font size, Default: 12         |
| subtitle.size     | subtitle font size, Default: 12     |
| axis.title.size   | axis title font size, Default: 14   |
| axis.text.size    | axis text font size, Default: 12    |
| legend.title.size | legend title font size, Default: 10 |

```

legend.text.size      legend text font size, Default: 9
title.color           title color, Default: "F9FEFF"
subtitle.color        subtitle.color, Default: "F9FEFF"
text.color            text color, Default: "F9FEFF"
axis.title.color      axis title color, Default: "F9FEFF"
axis.text.color        axis text color, Default: "F9FEFF"
legend.title.color    legend title color, Default: "F9FEFF"
legend.text.color     legend text color, Default: "F9FEFF"
legend.position       legend position, Default: "bottom"
ticks                 add axis ticks, Default: FALSE

```

**Details**

Spongbobify your plots even more by combining with `'paintBikiniBottom()'`!

**See Also**

[`tvthemes::paintBikiniBottom`]

**Examples**

```

library(ggplot2)

ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_color_spongeBob() +
  theme_spongeBob()

```

---

theme\_theLastAirbender

*Avatar: The Last Airbender theme (deprecated)*

---

**Description**

Avatar: The Last Airbender theme, Recommended font: "Slayer"

**Usage**

```

theme_theLastAirbender(
  text.font = NULL,
  title.font = NULL,
  legend.font = NULL,
  title.size = 14,
  text.size = 10,
  subtitle.size = 12,
  axis.title.size = 10,
  axis.text.size = 8,
  legend.title.size = 10,
  legend.text.size = 8,
  title.color = NULL,
  subtitle.color = "grey20",
  text.color = NULL,
  axis.title.color = "grey20",
  axis.text.color = "grey20",
  legend.title.color = "grey20",
  legend.text.color = "grey20",
  legend.position = "bottom",
  ticks = FALSE
)

```

**Arguments**

|                   |                                     |
|-------------------|-------------------------------------|
| text.font         | text font, Default: NULL            |
| title.font        | title font, Default: NULL           |
| legend.font       | legend font, Default: NULL          |
| title.size        | title font size, Default: 14        |
| text.size         | text font size, Default: 10         |
| subtitle.size     | subtitle font size, Default: 12     |
| axis.title.size   | axis title font size, Default: 10   |
| axis.text.size    | axis text font size, Default: 8     |
| legend.title.size | legend title font size, Default: 10 |
| legend.text.size  | legend text font size, Default: 8   |
| title.color       | title color, Default: NULL          |
| subtitle.color    | subtitle.color, Default: "grey20"   |
| text.color        | text color, Default: NULL           |
| axis.title.color  | axis title color, Default: "grey20" |
| axis.text.color   | axis text color, Default: "grey20"  |

```

legend.title.color      legend title color, Default: "grey20"
legend.text.color      legend text color, Default: "grey20"
legend.position        legend position, Default: "bottom"
ticks                  add axis ticks, Default: FALSE

```

**See Also**

```
[ggplot2::theme]
```

---

|              |   |
|--------------|---|
| westeros_pal | <i>Great Houses of Westeros palette</i> |
|--------------|---|

---

**Description**

Houses Stark, Lannister, Tyrell, Targaryen, Tully, Greyjoy, Manderly, Martell, Stannis Baratheon, & Arryn

**Usage**

```

westeros_pal(
  palette = "Stark",
  n,
  type = c("discrete", "continuous"),
  reverse = FALSE
)

```

```

scale_color_westeros(
  palette = "Stark",
  n,
  type = "discrete",
  reverse = FALSE,
  ...
)

```

```

scale_colour_westeros(
  palette = "Stark",
  n,
  type = "discrete",
  reverse = FALSE,
  ...
)

```

```

scale_fill_westeros(
  palette = "Stark",

```

```

    n,
    type = "discrete",
    reverse = FALSE,
    ...
  )

```

## Arguments

|            |   |
|------------|---|
| palette    | name of palette, Default: "Stark"   |
| n          | number of colors  |
| type       | discrete or continuous  |
| reverse    | reverse order, Default: FALSE   |
| ...        | Arguments passed on to <code>ggplot2::discrete_scale</code>   |
| aesthetics | The names of the aesthetics that this scale works with.   |
| scale_name | The name of the scale that should be used for error messages associated with this scale.  |
| name       | The name of the scale. Used as the axis or legend title. If <code>waiver()</code> , the default, the name of the scale is taken from the first mapping used for that aesthetic. If <code>NULL</code> , the legend title will be omitted.  |
| breaks     | One of: <ul style="list-style-type: none"> <li>• <code>NULL</code> for no breaks</li> <li>• <code>waiver()</code> for the default breaks (the scale limits)</li> <li>• A character vector of breaks</li> <li>• A function that takes the limits as input and returns breaks as output. Also accepts rlang <code>lambda</code> function notation.</li> </ul>   |
| labels     | One of: <ul style="list-style-type: none"> <li>• <code>NULL</code> for no labels</li> <li>• <code>waiver()</code> for the default labels computed by the transformation object</li> <li>• A character vector giving labels (must be same length as breaks)</li> <li>• A function that takes the breaks as input and returns labels as output. Also accepts rlang <code>lambda</code> function notation.</li> </ul>              |
| limits     | One of: <ul style="list-style-type: none"> <li>• <code>NULL</code> to use the default scale values</li> <li>• A character vector that defines possible values of the scale and their order</li> <li>• A function that accepts the existing (automatic) values and returns new ones. Also accepts rlang <code>lambda</code> function notation.</li> </ul>  |
| expand     | For position scales, a vector of range expansion constants used to add some padding around the data to ensure that they are placed some distance away from the axes. Use the convenience function <code>expansion()</code> to generate the values for the <code>expand</code> argument. The defaults are to expand the scale by 5% on each side for continuous variables, and by 0.6 units on each side for discrete variables. |

`na.translate` Unlike continuous scales, discrete scales can easily show missing values, and do so by default. If you want to remove missing values from a discrete scale, specify `na.translate = FALSE`.

`na.value` If `na.translate = TRUE`, what aesthetic value should the missing values be displayed as? Does not apply to position scales where NA is always placed at the far right.

`drop` Should unused factor levels be omitted from the scale? The default, TRUE, uses the levels that appear in the data; FALSE uses all the levels in the factor.

`guide` A function used to create a guide or its name. See `guides()` for more information.

`position` For position scales, The position of the axis. `left` or `right` for y axes, `top` or `bottom` for x axes.

`super` The super class to use for the constructed scale

## Examples

```
library(scales)
show_col(westeros_pal(palette = "Stark")(5))
show_col(westeros_pal(palette = "Stannis")(5))

library(ggplot2)
ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_color_westeros(palette = "Stark")

ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_color_westeros(palette = "Stannis")

ggplot(airquality, aes(x = Day, y = Temp,
  group = as.factor(Month), color = as.factor(Month))) +
  geom_point(size = 2.5) +
  scale_colour_westeros(palette = "Stannis")

ggplot(mpg, aes(displ)) +
  geom_histogram(aes(fill = class), col = "black", size = 0.1) +
  scale_fill_westeros(palette = "Stannis")
```

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