

# Package: add2ggplot (via r-universe)

August 28, 2024

**Title** Add to 'ggplot2'

**Version** 0.3.0

**Description** Create 'ggplot2' themes and color palettes.

**License** MIT + file LICENSE

**Encoding** UTF-8

**LazyData** true

**Imports** ggplot2, magrittr, RColorBrewer, magick, zeallot

**URL** <https://github.com/JiaxiangBU/add2ggplot>

**BugReports** <https://github.com/JiaxiangBU/add2ggplot/issues>

**RoxygenNote** 6.1.1

**Suggests** knitr, rmarkdown

**VignetteBuilder** knitr

**Repository** <https://jiaxiangbu.r-universe.dev>

**RemoteUrl** <https://github.com/jiaxiangbu/add2ggplot>

**RemoteRef** HEAD

**RemoteSha** d3eff1a76d607a51c180c6e75762202ed0ac3486

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add_logo	<i>Add a logo into an image</i>
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**Description**

Add a logo into an image

**Usage**

```
add_logo(plot_path, logo_path, logo_position = c("top right", "top left",
"bottom right", "bottom left"), logo_scale = 10)
```

**Arguments**

plot_path	image path.
logo_path	logo image path.
logo_position	the position of logo within the image.
logo_scale	the size of logo relative to the image.

**Value**

Image.

**Examples**

```
add_logo(
  plot_path = system.file("extdata", "logo.png", package = "add2ggplot"),
  logo_path = system.file("extdata", "jiaxiang.png", package = "add2ggplot"),
  logo_position = "bottom right",
  logo_scale = 5
)
```

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get_width_height	<i>Get image width and height</i>
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**Description**

Get image width and height

**Usage**

```
get_width_height(img)
```

**Arguments**

img	The path of image
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grey_one	<i>The chosen color in grey</i>
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---

**Description**

The chosen color in grey

**Usage**

```
grey_one
```

**Format**

An object of class character of length 1.

---

grey_two	<i>The chosen color in grey</i>
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---

**Description**

The chosen color in grey

**Usage**

```
grey_two
```

**Format**

An object of class character of length 1.

---

more_colors	<i>Use a palette with 24 colors</i>
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**Description**

more\_colors helps users to build a more robust palette serving ggplot objects.

**Usage**

```
more_colors(n = 24)
```

**Arguments**

n                    the max number of color you choose

**Value**

The vector of the colors you choose

**Author(s)**

Jiaxiang Li

**Examples**

```
more_colors(n = 12)
more_colors(n = 24)
more_colors(n = 36)
```

---

red_one	<i>The chosen color in red</i>
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---

**Description**

The chosen color in red

**Usage**

```
red_one
```

**Format**

An object of class character of length 1.

---

red_two	<i>The chosen color in red</i>
---------	--------------------------------

---

**Description**

The chosen color in red

**Usage**

```
red_two
```

**Format**

An object of class character of length 1.

---

theme_classic2	<i>Another classic theme</i>
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**Description**

# Inspired by <https://www.datacamp.com/courses/intermediate-data-visualization-with-ggplot2>

**Usage**

```
theme_classic2()
```

**Value**

ggplot object.

**Examples**

```
datasets::mtcars %>%  
  ggplot2::ggplot(ggplot2::aes(mpg, disp)) +  
  ggplot2::geom_point() +  
  theme_classic2()
```

---

theme_du_bois	<i>Use Du Bois's theme</i>
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**Description**

theme\_du\_bois is one of ggplot themes for plotting.

**Usage**

```
theme_du_bois(font_name = "")
```

**Arguments**

font\_name      A Character.

**Details**

The function I developed originates from this [GitHub Repository](#) by the statistician Matthew A. He reproduces the sort of images originated from [W.E.B. Du Bois](#).

**Value**

The function to use + in the ggplot workflow.

**Author(s)**

Jiaxiang Li

**Examples**

```
datasets::mtcars %>%  
  ggplot2::ggplot(ggplot2::aes(mpg, disp)) +  
  ggplot2::geom_point() +  
  theme_du_bois()
```

---

theme\_grey\_and\_red      *Use the ggplot theme in grey and red*

---

**Description**

Use the ggplot theme in grey and red

**Usage**

```
theme_grey_and_red()
```

**Value**

The function to use + in the ggplot workflow.

**Author(s)**

Jiaxiang Li

**Examples**

```
datasets::mtcars %>%  
  ggplot2::ggplot(ggplot2::aes(mpg, disp)) +  
  ggplot2::geom_point() +  
  theme_grey_and_red()
```

---

`theme_ilo`*One ggplot theme*

---

**Description**

One ggplot theme

**Usage**

```
theme_ilo()
```

**Value**

The function to use + in the ggplot workflow.

**Examples**

```
datasets::mtcars %>%  
  ggplot2::ggplot(ggplot2::aes(mpg, disp)) +  
  ggplot2::geom_point() +  
  theme_ilo()
```

---

`theme_white`*A ggplot theme with a white background.*

---

**Description**

A ggplot theme with a white background.

**Usage**

```
theme_white()
```

**Value**

The function to use + in the ggplot workflow.

**Examples**

```
datasets::mtcars %>%  
  ggplot2::ggplot(ggplot2::aes(mpg, disp)) +  
  ggplot2::geom_point() +  
  theme_white()
```

---

white\_one

*The chosen color in white*

---

**Description**

The chosen color in white

**Usage**

white\_one

**Format**

An object of class character of length 1.



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