

# Package: warwickplots (via r-universe)

August 22, 2024

**Title** Palettes and Themes Consistent with The University of Warwick's Brand

**Version** 0.1.0

**Description** Colour palettes and a 'ggplot2' theme that are consistent with The University of Warwick' branding. Built using the 'palettes' package, which provides methods for printing, formatting, casting and coercion, extraction and updating of components, plotting, colour mixing arithmetic, and colour interpolation.

**License** CC0

**Encoding** UTF-8

**Roxygen** list(markdown = TRUE)

**RoxygenNote** 7.3.1

**URL** <https://github.com/Warwick-Stats-Resources/warwickplots>,  
<https://warwick-stats-resources.github.io/warwickplots/>

**BugReports** <https://github.com/Warwick-Stats-Resources/warwickplots/issues>

**Depends** palettes, R (>= 2.10)

**LazyData** true

**VignetteBuilder** knitr

**Imports** ggplot2, ggtext

**Suggests** knitr, rmarkdown, ragg, systemfonts, dplyr, palmerpenguins, maps, scales

**Repository** <https://warwick-stats-resources.r-universe.dev>

**RemoteUrl** <https://github.com/Warwick-Stats-Resources/warwickplots>

**RemoteRef** HEAD

**RemoteSha** d088f0412f90fa5ad7a454b61bfbf5a2b5272067

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theme_warwick	<i>ggplot2 theme consistent with Warwick Brand</i>
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## Description

theme\_warwick() is an extension of ggplot2::theme\_minimal(). See Details.

## Usage

```
theme_warwick(base_size = 11, use = c("online", "print"))
```

## Arguments

base_size	numeric, base size for font
use	character, one of "online" or "print" (defaults to "online"), which determines which font is used

## Details

theme\_warwick() is an extension of ggplot2::theme\_minimal(), offering the following in addition:

- Spacing, giving the text room to breathe
- Uses ggtext::element\_textbox\_simple() for the plot title and subtitle, to enable use of markdown and CSS styling, and text-wrapping if the title/subtitle is long
- Places the legend above the plot
- Uses Lato or Avenir Next font (for online or print use respectively), *if* your system is set up for it

Note that any theme\_warwick() defaults can be overridden with a subsequent call to theme().

For further details, including how to ensure your system is set up to use custom fonts, see the [warwickplots](#) vignette. For more examples, see the [using warwickplots with ggplot2](#) vignette.

## Examples

```
## Not run:
ggplot2::ggplot(mtcars, ggplot2::aes(mpg, wt)) +
  ggplot2::geom_point() +
  ggplot2::labs(title = "A demo plot") +
  theme_warwick()

## End(Not run)
```

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warwick\_palettes      *University of Warwick brand palettes*

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**Description**

Palettes consistent with The University of Warwick's brand.

**Usage**

warwick\_palettes

warwick\_palettes\_discrete

warwick\_palettes\_sequential

warwick\_palettes\_divergent

**Format**

warwick\_palettes:

An object of class `palettes_palette` with 6 colour palettes.

warwick\_palettes\_discrete:

An object of class `palettes_palette` with 1 discrete colour palettes.

warwick\_palettes\_sequential:

An object of class `palettes_palette` with 3 sequential colour palettes.

warwick\_palettes\_divergent:

An object of class `palettes_palette` with 2 sequential colour palettes.

**Details**

For more information on the University of Warwick's brand colours, see <https://warwick.ac.uk/about/brand/brand-guidelines/colours/>.

The primary palette is a combination of the primary brand colour (aubergine) and the five bright accent colours. These are the colours that the brand team uses for the graphs in their PowerPoint template.

The three sequential palettes run between the bright colour and its 30% tint.

Since the primary Warwick brand aubergine is much darker than the bright accent colours, it was too strong as a starting point for the aubergine side of the divergent palettes. To achieve a better balance, `aubergine_ruby` starts with an 80% tint of the primary aubergine, and `aubergine_teal` starts with a 70% tint.

**Author(s)**

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**Source**

<https://github.com/Warwick-Stats-Resources/warwickplots>

**See Also**

[pal\\_palette\(\)](#), [pal\\_colour\(\)](#)

**Examples**

```
# Get all palettes by name
names(warwick_palettes)

# Plot a specific palette
plot(warwick_palettes$primary)

# Subset a palette
warwick_palettes$primary[c(1, 3, 5)]

#' # Plot all palettes
## Not run:
plot(warwick_palettes)

## End(Not run)
```

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