

Package: uithemes (via r-universe)

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scale_colour_uio	<i>Colour and fill scale constructors for UiO colors</i>
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Description

These scale functions help alter ggplot2 colour and fill to colours in the UiO branding scheme. See the colour palettes in [uio_pal](#) for variations you can choode from.

Usage

```
scale_colour_uio(palette = "redblack", discrete = TRUE, reverse = FALSE, ...)
```

```
scale_color_uio(palette = "redblack", discrete = TRUE, reverse = FALSE, ...)
```

```
scale_fill_uio(palette = "redblack", discrete = TRUE, reverse = FALSE, ...)
```

Arguments

palette	Character name of palette in uio_pal .
discrete	Logical indicating whether colour aesthetic is discrete or not
reverse	Logical indicating whether the palette should be reversed
...	Additional arguments passed to discrete_scale or scale_color_gradientn , used respectively when discrete is TRUE or FALSE

Examples

```
library(ggplot2)

ggplot(mtcars, aes(mpg, disp, colour = cyl)) +
  geom_point(size = 5) +
  scale_colour_uio(discrete = FALSE)

ggplot(mtcars, aes(mpg, disp, colour = cyl)) +
  geom_point(size = 5) +
  scale_colour_uio(discrete = FALSE, reverse = TRUE)

ggplot(mtcars, aes(mpg, disp, colour = cyl)) +
  geom_point(size = 5) +
  scale_colour_uio(discrete = FALSE)

ggplot(mtcars, aes(mpg, disp, colour = factor(cyl))) +
  geom_point(size = 5) +
  scale_colour_uio()
```

theme_uio	<i>ggplot themes for uiO</i>
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Description

A selection of themes that fit with the UiO branding instructions.

Usage

```
theme_uio(base_size = 10)

theme_uio_dark(base_size = 10)

theme_uio_void(base_size = 10)

theme_uio_dark_void(base_size = 10)
```

Arguments

base_size text size

Details

- theme_uio - base theme for UiO
- theme_uio_dark - dark/inverted version of base theme
- theme_uio_void - base theme without axis information or grid
- theme_uio_dark_void - dark/inverted theme without axis information or grid

Examples

```
## Not run:
library(ggplot2)

ggplot(mtcars, aes(mpg, disp, colour = cyl)) +
  geom_point(size = 5) +
  theme_uio()

ggplot(mtcars, aes(mpg, disp, colour = cyl)) +
  geom_point(size = 5) +
  theme_uio_dark()

ggplot(mtcars, aes(mpg, disp, colour = cyl)) +
  geom_point(size = 5) +
  theme_uio_void()

ggplot(mtcars, aes(mpg, disp, colour = factor(cyl))) +
  geom_point(size = 5) +
  theme_uio_dark_void()
```

```
## End(Not run)
```

uio_cols	<i>Function to extract uio colours as hex codes</i>
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Description

Function to extract uio colours as hex codes

Usage

```
uio_cols(...)
```

Arguments

... Character names of uio_colors

uio_font	<i>UiO theme fonts</i>
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Description

Returns family name of UiO fonts, to be used in plots. If for instance used the the ggplot2-theme functions.

Usage

```
uio_font(type = c("body", "title"))
```

Arguments

type body or title font type

uio_pal	<i>Return function to interpolate a uio color palette</i>
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Description

Return function to interpolate a uio color palette

Usage

```
uio_pal(palette = "redblack", reverse = FALSE, ...)
```

Arguments

palette	Character name of palette in uio_palettes
reverse	Logical indicating whether the palette should be reversed
...	Additional arguments to pass to colorRampPalette

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