

# Package ‘ggnewscale’

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**Language** en-GB

**Title** Multiple Fill and Colour Scales in 'ggplot2'

**Version** 0.4.9

**Description** Use multiple fill and colour scales in 'ggplot2'.

**License** GPL-3

**URL** <https://eliocamp.github.io/ggnewscale/>

**BugReports** <https://github.com/eliocamp/ggnewscale/issues>

**Encoding** UTF-8

**Imports** ggplot2 (>= 3.0.0)

**RoxygenNote** 7.2.3

**Suggests** testthat, vdiff, covr

**NeedsCompilation** no

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**Repository** CRAN

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new_scale	<i>Adds a new scale to a plot</i>
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### Description

Creates a new scale "slot". Geoms added to a plot after this function will use a new scale definition.

### Usage

```
new_scale(new_aes)
new_scale_fill()
new_scale_color()
new_scale_colour()
```

### Arguments

new\_aes            A string with the name of the aesthetic for which a new scale will be created.

### Details

new\_scale\_color(), new\_scale\_colour() and new\_scale\_fill() are just aliases to new\_scale("color"), etc...

### Examples

```
library(ggplot2)

# Equivalent to melt(volcano), but we don't want to depend on reshape2
topography <- expand.grid(x = 1:nrow(volcano),
                        y = 1:ncol(volcano))
topography$z <- c(volcano)

# point measurements of something at a few locations
measurements <- data.frame(x = runif(30, 1, 80),
                          y = runif(30, 1, 60),
                          thing = rnorm(30))

ggplot(mapping = aes(x, y)) +
  geom_contour(data = topography, aes(z = z, color = stat(level))) +
  # Color scale for topography
  scale_color_viridis_c(option = "D") +
  # geoms below will use another color scale
  new_scale_color() +
  geom_point(data = measurements, size = 3, aes(color = thing)) +
  # Color scale applied to geoms added after new_scale_color()
  scale_color_viridis_c(option = "A")
```

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