

# Package ‘multicolor’

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**Type** Package

**Title** Add Multiple Colors to your Console Output

**Version** 0.1.0

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**Description** Add multiple colors to text that is printed to the console.

**Depends** R (>= 2.10)

**License** MIT + file LICENSE

**Encoding** UTF-8

**LazyData** TRUE

**URL** <http://github.com/aedobbyn/multicolor/>

**BugReports** <https://github.com/aedobbyn/multicolor/issues/>

**Imports** cowsay, crayon, dplyr, glue, magrittr, purrr, stringr, tibble  
(>= 1.2), tidyr

**Suggests** covr, knitr, rmarkdown, testthat

**RoxygenNote** 6.0.1

**NeedsCompilation** no

**Repository** CRAN

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## R topics documented:

insert_rainbow . . . . .	2
multi_color . . . . .	2
multi_colour . . . . .	3
nix_first_newline . . . . .	5
things . . . . .	5

<b>Index</b>	<b>6</b>
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insert_rainbow	<i>Insert Rainbow</i>
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### Description

Take the string "rainbow" and replace it with c("red", "orange", "yellow", "green", "blue", "purple")

### Usage

```
insert_rainbow(clr)
```

### Arguments

clr (character) A vector of one or more colors.

### Value

A character vector of color names.

### Examples

```
insert_rainbow("rainbow")
insert_rainbow(c("lightsteelblue", "rainbow", "lightsalmon"))
```

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multi_color	<i>Multi-color text</i>
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### Description

Multi-color text

### Usage

```
multi_color(txt = "hello world!", colors = "rainbow", type = "message",
  direction = "vertical", ...)
```

### Arguments

txt	(character) Some text to color.
colors	(character) A vector of colors, defaulting to "rainbow", i.e. c("red", "orange", "yellow", "green", "blue", "purple"). Must all be <b>crayon</b> -supported colors. Any colors in colors() or hex values (see ?rgb) are fair game.
type	(character) Message (default), warning, or string
direction	(character) How should the colors be spread? One of "horizontal" or "vertical".
...	Further args.

**Details**

This function evenly (ish) divides up your string into these colors in the order they appear in colors.  
It cannot be used with RGUI (R.app on some systems).

**Value**

A string if type is "string", or colored text if type is "message" or "warning"

**Examples**

```
## Not run:
multi_color()

multi_color("ahoy")

multi_color("taste the rainbow",
            c("mediumpurple",
              "rainbow",
              "cyan3"))

multi_color(colors = c(rgb(0.1, 0.2, 0.5),
                        "yellow",
                        rgb(0.2, 0.9, 0.1)))

multi_color(
  cowsay::animals[["buffalo"]],
  c("mediumorchid4", "dodgerblue1", "lemonchiffon1"))

multi_color(cowsay::rms, sample(colors(), 10))

# Mystery Bulgarian animal
multi_color(things[[sample(length(things), 1)]],
            c("white", "darkgreen", "darkred"),
            direction = "horizontal")

# Mystery Italian animal
multi_color(things[[sample(length(things), 1)]],
            c("darkgreen", "white", "darkred"),
            direction = "vertical")

## End(Not run)
```

---

multi\_colour

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*Multi-colour text*


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**Description**

Multi-colour text

**Usage**

```
multi_colour(txt = "hello world!", colors = "rainbow", type = "message",
             direction = "vertical", ...)
```

## Arguments

txt	(character) Some text to color.
colors	(character) A vector of colors, defaulting to "rainbow", i.e. c("red", "orange", "yellow", "green", "blue", "purple"). Must all be <b>crayon</b> -supported colors. Any colors in colors() or hex values (see ?rgb) are fair game.
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multi_color()

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multi_color("taste the rainbow",
            c("mediumpurple",
              "rainbow",
              "cyan3"))

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                        "yellow",
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multi_color(
  cowsay::animals[["buffalo"]],
  c("mediumorchid4", "dodgerblue1", "lemonchiffon1"))

multi_color(cowsay::rms, sample(colors(), 10))

# Mystery Bulgarian animal
multi_color(things[[sample(length(things), 1)]],
            c("white", "darkgreen", "darkred"),
            direction = "horizontal")

# Mystery Italian animal
multi_color(things[[sample(length(things), 1)]],
            c("darkgreen", "white", "darkred"),
            direction = "vertical")
```

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nix_first_newline	<i>Remove the first instance of a newline from a string</i>
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**Description**

Remove the first instance of a newline from a string

**Usage**

```
nix_first_newline(s)
```

**Arguments**

s (character) A string

**Value**

A string with the first instance of a newline removed.

**Examples**

```
nix_first_newline("onetwo\nthree\nfour")

# Nothing to remove
nix_first_newline("fivesixseven")
```

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things	<i>Things</i>
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**Description**

Named vector of animals and other characters e.g. Yoda, from the cowsay package

**Usage**

```
things
```

**Format**

An object of class list of length 42.

**Details**

things is a named character list of ASCII animals and characters.

**Examples**

```
things[["turkey"]]
things[["rms"]] %>% cat()
names(things)
multi_color(things[["stretchycat"]]) # To say something, use the cowsay package
```

# Index

\*Topic **datasets**

things, [5](#)

insert\_rainbow, [2](#)

multi\_color, [2](#)

multi\_colour, [3](#)

nix\_first\_newline, [5](#)

things, [5](#)