

# Package ‘nord’

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**Title** Arctic Ice Studio's Nord and Group of Seven Inspired Colour Palettes for 'ggplot2'

**Version** 1.0.0

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**Description** Provides the Arctic Ice Studio's Nord and Group of Seven inspired colour palettes for use with 'ggplot2' via custom functions.

**License** MIT + file LICENSE

**Encoding** UTF-8

**LazyData** true

**RoxygenNote** 6.1.1

**Imports** ggplot2

**Suggests** testthat

**NeedsCompilation** no

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**Repository** CRAN

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nord	<i>nord palette colors ramped to a specified length</i>
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**Description**

nord palette colors ramped to a specified length

**Usage**

```
nord(palette = "polarnight", n, alpha = 1, reverse = FALSE)
```

**Arguments**

palette	Choose from 'nord_palettes' list
n	Number of colors to display
alpha	transparency
reverse	If TRUE, the direction of the colours is reversed.

**Examples**

```
library(nord)
image(volcano, col = nord("aurora", 20))
```

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nord_pal	<i>nord palette with ramped colours</i>
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**Description**

nord palette with ramped colours

**Usage**

```
nord_pal(palette = "polarnight", alpha = 1, reverse = FALSE)
```

**Arguments**

palette	Choose from 'nord_palettes' list
alpha	transparency
reverse	If TRUE, the direction of the colours is reversed.

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nord_palettes	<i>Nord and northern-themed color palettes</i>
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**Description**

Nord: An arctic, north-bluish color palette. Created for the clean- and minimal flat design pattern to achieve a optimal focus and readability for code syntax highlighting and UI. It consists of four palettes utilizing a total of sixteen, carefully selected, dimmed pastel colors for a eye-comfortable, but yet colorful ambiance.

**Usage**

```
nord_palettes
```

**Format**

An object of class list of length 16.

**Details**

The available palettes are: polarnight snowstorm frost aurora

There are also 11 Colour palettes extracted from the works of the [Group of Seven]([https://en.wikipedia.org/wiki/Group\\_of\\_S](https://en.wikipedia.org/wiki/Group_of_S)) and one color palette drawn from [Lumina Borealis](<https://www.luminaborealis.com/>)

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nord_show_palette	<i>Display a color palette</i>
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**Description**

Given a character vector (hex RGB values), display palette in graphics window.

**Usage**

```
nord_show_palette(palette)
```

**Arguments**

palette	vector of character hex RGB values
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**Examples**

```
library(nord)
nord_show_palette("halifax_harbor")
```

scale\_color\_nord      *nord color scale for ggplot2*

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### Description

nord color scale for ggplot2

### Usage

```
scale_color_nord(palette = "polarnight", discrete = TRUE, alpha = 1,  
reverse = FALSE, ...)
```

```
scale_colour_nord(palette = "polarnight", discrete = TRUE, alpha = 1,  
reverse = FALSE, ...)
```

### Arguments

palette	Choose from 'nord_palettes' list
discrete	whether to use a discrete colour palette
alpha	transparency
reverse	logical, Reverse the order of the colours?
...	additional arguments to pass to scale_color_gradientn

### Examples

```
library(ggplot2)  
library(nord)  
  
ggplot(diamonds) +  
  geom_point(aes(x = carat, y = price, color = cut)) +  
  scale_color_nord("lumina")
```

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scale\_fill\_nord      *#' nord fill scale for ggplot2*

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### Description

#' nord fill scale for ggplot2

### Usage

```
scale_fill_nord(palette = "polarnight", discrete = TRUE, alpha = 1,  
reverse = FALSE, ...)
```

**Arguments**

<code>palette</code>	Choose from 'nord_palettes' list
<code>discrete</code>	whether to use a discrete colour palette
<code>alpha</code>	pass through parameter to <code>viridis</code>
<code>reverse</code>	If TRUE, the direction of the colours is reversed.
<code>...</code>	additional arguments to pass to <code>scale_color_gradientn</code>

**Examples**

```
library(ggplot2)
library(nord)

ggplot(diamonds) +
  geom_bar(aes(x = cut, fill = clarity)) +
  scale_fill_nord("victory_bonds")
```

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