

# Converting Colors

Hex(767CF7)

Have a look what the booklet for  
Hex(767CF7) contains.

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# Color

Hex(767CF7)

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | 767CF7                      |
| RGB         | 118, 124, 247               |
| RGB Percent | 46%, 49%, 97%               |
| CMY         | 0.5373, 0.5137, 0.0314      |
| CMYK        | 0.52, 0.50, 0.00, 0.03      |
| HSL         | 237°, 89%, 72%              |
| HSV         | 237°, 52%, 97%              |
| XYZ         | 31.4674, 24.9823, 91.1592   |
| YIQ         | 136.2280, -43.0590, 36.9810 |

# Conversions

## Conversions Part 2

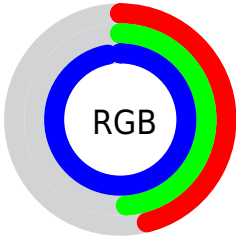
| Format                              | Color                          |
|-------------------------------------|--------------------------------|
| R <sub>Y</sub> B                    | 118, 124, 247                  |
| Decimal                             | 7765239                        |
| CIE Lab                             | 57.06, 30.99, -62.54           |
| CIE LCh                             | 57, 69.794, 296.360            |
| Yxy                                 | 24.9823, 0.2132,<br>0.1692     |
| Android<br>(android.graphics.Color) | 4285955319<br>(0xFF767CF7)     |
| YUV                                 | 136.2280, 54.6106,<br>-15.9860 |
| Hunter-Lab                          | 49.9823, 24.9094,<br>-73.1474  |

# Details

The Hex color **767CF7** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **F7F176**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **B1B0FF**, and **364BBE** is the 20% darker color. If you saturate the color by 10%, you get **5D64F7**, and if you desaturate by 10%, it is **8F94F7**.

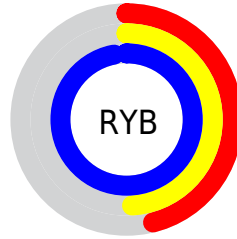
# Distribution



Red (46%)

Green (49%)

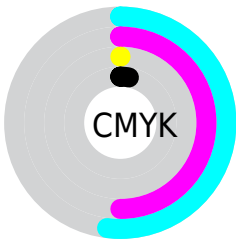
Blue (97%)



Red (46%)

Yellow (49%)

Blue (97%)

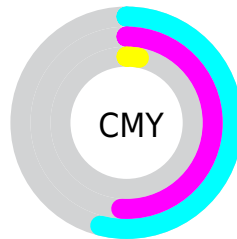


Cyan (52%)

Magenta (50%)

Yellow (0%)

Black (3%)



Cyan (54%)

Magenta (51%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 767CF7 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 767CF7 by changing the saturation by 10% instead.



 767CF7

 767CF7

FFFFFF

 5763DA

 B1B0FF

 364BBE

 CFCCFF

 0035A2

 EDE8FF

 002087

 000E6D

 000054

 00063C

 000225

 00010E

■ 767CF7

■ 767CF7

■ 5D64F7

■ 8F94F7

■ 454DF7

■ A7ABF7

■ 2C35F7

■ C0C3F7

■ 131EF7

■ D9DAF7

■ 000BF7

■ F2F2F7

■ FFFFF7

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0093FF



767CF7



CA5ECD

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



767CF7



D86A1E



00A47F

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



767CF7



F7F176

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



009F40



767CF7



AB8400

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



767CF7



F14F57



709500



00A4BE

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



767CF7



E74CA7



709500



00A36A



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



767CF7



D6D8FF



76F7F1



676880



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



767CF7



5E66FF



B076F7



6E6F7A



0009BA



00033B



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



F7767C



FF5E66



BDF776



7A6E6F



BA0009

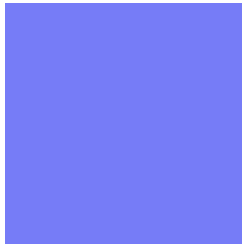


3B0003



# Previews

## White Background



This preview shows how the Hex color 767CF7 looks on a white background.

## Color Contrast Check

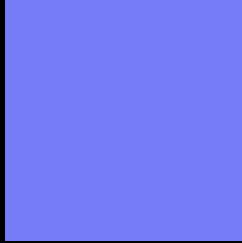
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 767CF7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 767CF7 Background



This preview shows how black text looks on a background with the Hex color 767CF7.

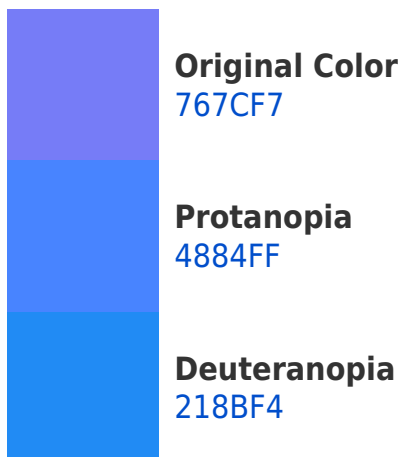



This preview shows how white text looks on a background with the Hex color 767CF7.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

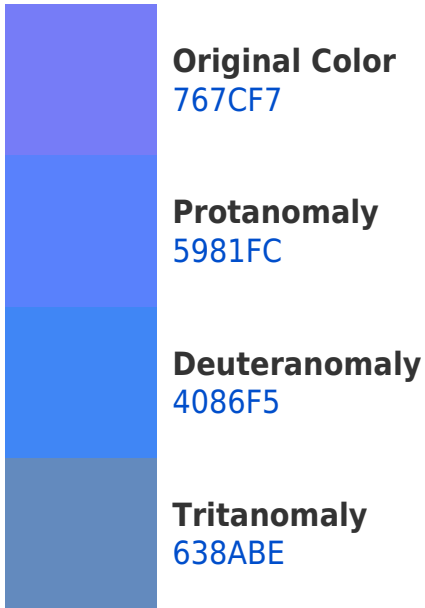
## Dichromacy





**Tritanopia**  
58929D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 767CF7 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #767CF7 looks like.

```
.text, #text, p{  
    color:#767CF7  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #767CF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #767CF7
}
```

## Border

The CSS property to change the border of an element to Hex 767CF7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#767CF7 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#767CF7 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #767CF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #767CF7; -webkit-box-shadow:4px 4px  
4px 4px #767CF7; box-shadow:4px 4px 4px  
4px #767CF7 }
```

# Background

The CSS property to change the background color of an element to Hex 767CF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#767CF7 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#767CF7 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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