

# Converting Colors

Hex(767EB8)

Have a look what the booklet for  
Hex(767EB8) contains.

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# Color

**Hex(767EB8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	767EB8
RGB	118, 126, 184
RGB Percent	46%, 49%, 72%
CMY	0.5373, 0.5059, 0.2784
CMYK	0.36, 0.32, 0.00, 0.28
HSL	233°, 32%, 59%
HSV	233°, 36%, 72%
XYZ	23.5838, 22.2340, 48.3960
YIQ	130.2200, -23.3860, 16.3420

# Conversions

## Conversions Part 2

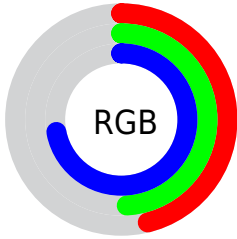
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	118, 125, 184
Decimal	7765688
CIE <sub>Lab</sub>	54.27, 11.29, -31.47
CIE <sub>LCh</sub>	54, 33.432, 289.728
Yxy	22.2340, 0.2503, 0.2360
Android (android.graphics.Color)	4285955768 (0xFF767EB8)
YUV	130.2200, 26.5135, -10.7169
Hunter-Lab	47.1529, 6.7603, -27.8460

# Details

The Hex color **767EB8** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **B8B076**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **ACB3F0**, and **424D83** is the 20% darker color. If you saturate the color by 10%, you get **646EB8**, and if you desaturate by 10%, it is **888EB8**.

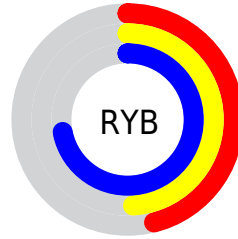
# Distribution



Red (46%)

Green (49%)

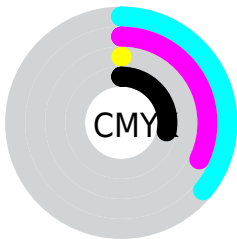
Blue (72%)



Red (46%)

Yellow (49%)

Blue (72%)

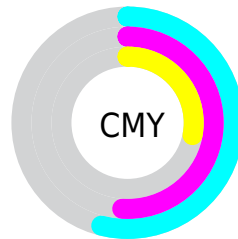


Cyan (36%)

Magenta (32%)

Yellow (0%)

Black (28%)



Cyan (54%)

Magenta (51%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 767EB8 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 767EB8 by changing the saturation by 10% instead.



■ 767EB8

■ 767EB8

FFFFFF

■ 5C659D

■ ACB3F0

■ 424D83

■ C8CEFF

■ 283769

■ E5EAFB

■ 0A2251

■ 000B39

■ 000223

■ 00000B

■ 000000

■ 767EB8

■ 767EB8

■ 646EB8

■ 888EB8

■ 515EB8

■ 9B9EB8

■ 3F4DB8

■ ADAFB8

■ 2C3DB8

■ C0BFB8

■ 1A2DB8

■ D2CFB8

■ 081DB8

■ E4DFB8

■ 0016B8

■ F7EFB8

■ FFFFB8

# Harmonies

## Analogous

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



4288BA



767EB8



9C73A7

# Triad

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



767EB8



B17357



389077

# Complementary

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



767EB8



B8B076

# 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.



608D5B



767EB8



9D7D49

# Square

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



767EB8



BA6C70



81864A



009194

# Rectangle

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



767EB8



AD6E96



81864A



47906D



# Sweetspot

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



767EB8



D5D9F0



76B8AF



686A78



F7F7F7



787878



# Same Dimension

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



767EB8



8995F0



8E76B8



53545C



00139C



00031C



# Inverse Universe

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



B8767E



F08995



A0B876



5C5354



9C0013

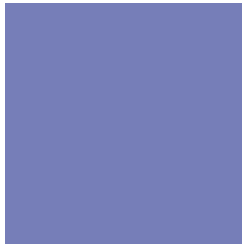


1C0003



# Previews

## White Background



This preview shows how the Hex color 767EB8 looks on a white background.

## Color Contrast Check

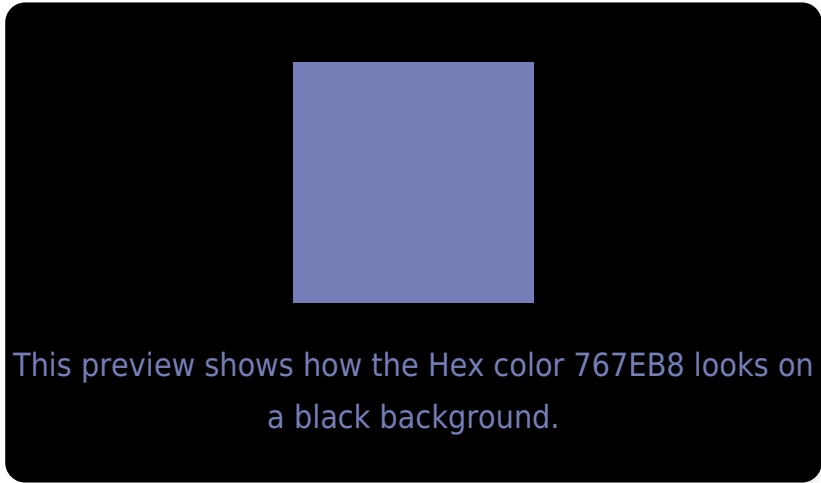
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

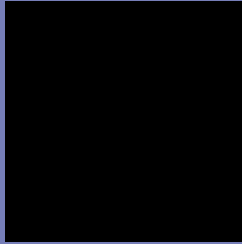
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 767EB8 Background



This preview shows how black text looks on a background with the Hex color 767EB8.



This preview shows how white text looks on a background with the Hex color 767EB8.

# 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



**Original Color**

767EB8

**Protanopia**

6F80B9

**Deuteranopia**

6E80B8



**Tritanopia**  
6D8690

# Trichromacy



**Original Color**  
767EB8

**Protanomaly**  
727FB9

**Deuteranomaly**  
717FB8

**Tritanomaly**  
70839F

# Monochromacy



**Original Color**  
767EB8

**Achromatopsia**  
828282

**Achromatomaly**  
7E8196

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 767EB8 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 #767EB8 looks like.

```
.text, #text, p{  
    color:#767EB8  
}
```

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 #767EB8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #767EB8
}
```

## Border

The CSS property to change the border of an element to Hex 767EB8 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
#767EB8 }
```

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

```
.border{ border-color:#767EB8 }
```

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

Here you see how a box with a 4 pixel #767EB8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #767EB8; -webkit-box-shadow:4px 4px  
4px 4px #767EB8; box-shadow:4px 4px 4px  
4px #767EB8 }
```

# Background

The CSS property to change the background color of an element to Hex 767EB8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#767EB8 }
```

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

```
.background{ background-color:#767EB8 }
```

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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