

# Converting Colors

Hex(6F8BCF)

Have a look what the booklet for  
Hex(6F8BCF) contains.

<b>Hex(6F8BCF)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(6F8BCF)

# Conversions

## Conversions Part 1

Format	Color
Hex	6F8BCF
RGB	111, 139, 207
RGB Percent	44%, 55%, 81%
CMY	0.5647, 0.4549, 0.1882
CMYK	0.46, 0.33, 0.00, 0.19
HSL	222°, 50%, 62%
HSV	222°, 46%, 81%
XYZ	27.0506, 26.3497, 62.6918
YIQ	138.3800, -38.5160, 15.2120

# Conversions

## Conversions Part 2

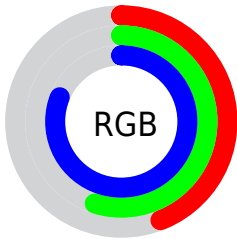
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	111, 133, 207
Decimal	7310287
CIE <sub>Lab</sub>	58.37, 8.34, -38.16
CIE <sub>LCh</sub>	58, 39.065, 282.326
Yxy	26.3497, 0.2330, 0.2270
Android (android.graphics.Color)	4285500367 (0xFF6F8BCF)
YUV	138.3800, 33.8297, -24.0123
Hunter-Lab	51.3320, 4.2339, -36.4785

# Details

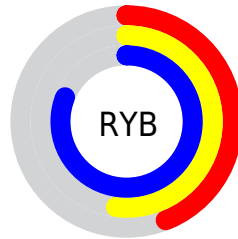
The Hex color **6F8BCF** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **CFB36F**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **A7C0FF**, and **375998** is the 20% darker color. If you saturate the color by 10%, you get **5A7CCF**, and if you desaturate by 10%, it is **849ACF**.

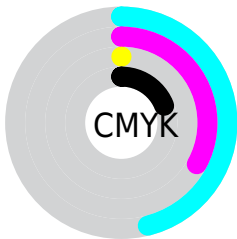
# Distribution



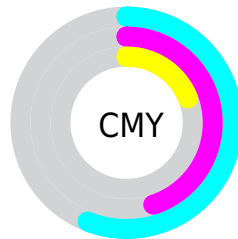
- Red (44%)
- Green (55%)
- Blue (81%)



- Red (44%)
- Yellow (52%)
- Blue (81%)



- Cyan (46%)
- Magenta (33%)
- Yellow (0%)
- Black (19%)



- Cyan (56%)
- Magenta (45%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F8BCF 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 6F8BCF by changing the saturation by 10% instead.



 6F8BCF

 6F8BCF

FFFFFF

 5372B3

 A7C0FF

 375998

 C3DCFF

 15427E

 E0F9FF

 002D65

FEFFFF

 00194C

 000435

 00021F

 000002

 000000

■ 6F8BCF

■ 6F8BCF

■ 5A7CCF

■ 849ACF

■ 466ECF

■ 98A8CF

■ 315FCF

■ ADB7CF

■ 1C50CF

■ C2C6CF

■ 0742CF

■ D6D4CF

■ 003CCF

■ EBE3CF

■ FFF2CF

■ FFFF CF

# Harmonies

## Analogous

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



1D96CD



6F8BCF



A27EBF

# Triad

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



6F8BCF



C87760



3E9D76

# Complementary

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



6F8BCF



CFB36F

# 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.



6E9858



6F8BCF



B3834B

# Square

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



6F8BCF



CE717F



948F48



009E9A

# Rectangle

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



6F8BCF



B976AD



948F48



509B6B



# Sweetspot

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



6F8BCF



DBE6FF



6FCFB2



6A7080



000000



808080



# Same Dimension

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



6F8BCF



709AFF



826FCF



5E6169



0031A8



000C29



# Inverse Universe

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



CF6F8B



FF709A



BCCF6F



695E61



A80031

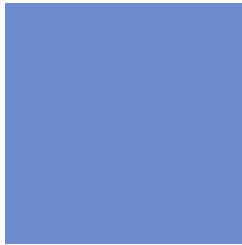


29000C



# Previews

## White Background



This preview shows how the Hex color 6F8BCF looks on a white background.

## Color Contrast Check

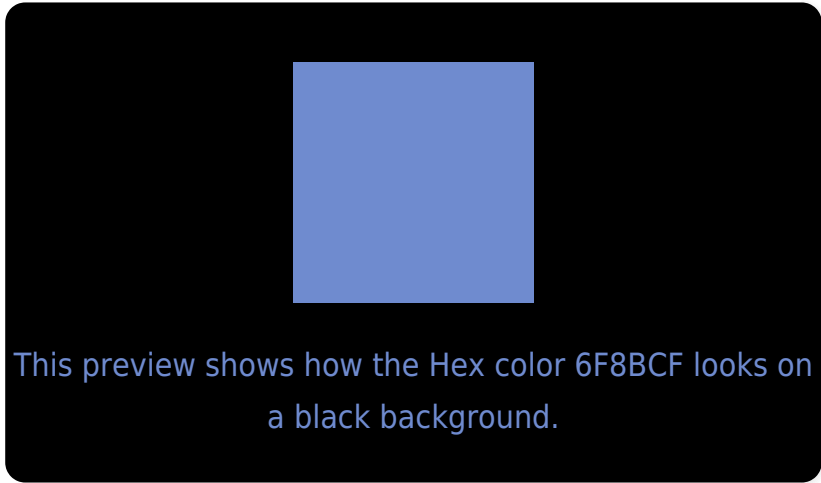
Large Text (above 18pt) WCAG AA ✓ Pass

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

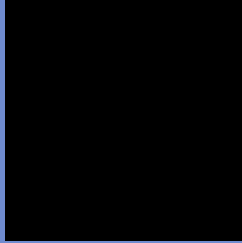
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

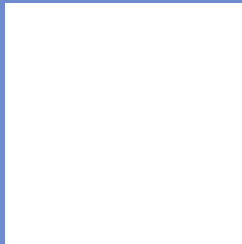
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6F8BCF Background



This preview shows how black text looks on a background with the Hex color 6F8BCF.



This preview shows how white text looks on a background with the Hex color 6F8BCF.

# 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**  
6F8BCF

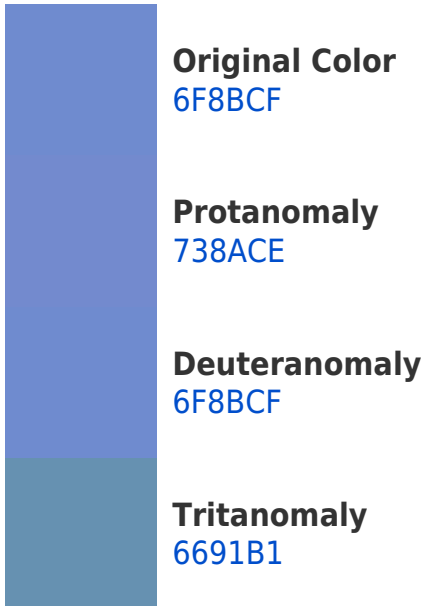
**Protanopia**  
758ACE

**Deuteranopia**  
6F8BCF



**Tritanopia**  
6194A0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F8BCF 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 #6F8BCF looks like.

```
.text, #text, p{  
    color:#6F8BCF  
}
```

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 #6F8BCF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F8BCF
}
```

## Border

The CSS property to change the border of an element to Hex 6F8BCF is called "border". The border property can be set on classes, ids or directly on the HTML element.

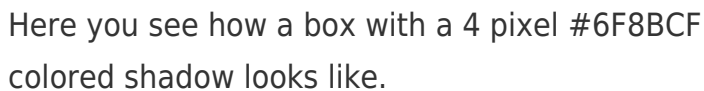
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6F8BCF }
```

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

```
.border{ border-color:#6F8BCF }
```

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



Here you see how a box with a 4 pixel #6F8BCF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F8BCF; -webkit-box-shadow:4px 4px  
4px 4px #6F8BCF; box-shadow:4px 4px 4px  
4px #6F8BCF }
```

# Background

The CSS property to change the background color of an element to Hex 6F8BCF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F8BCF }
```

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

```
.background{ background-color:#6F8BCF }
```

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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