

# Converting Colors

Hex(6F5FB7)

Have a look what the booklet for  
Hex(6F5FB7) contains.

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# Color

**Hex(6F5FB7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6F5FB7
RGB	111, 95, 183
RGB Percent	44%, 37%, 72%
CMY	0.5647, 0.6275, 0.2824
CMYK	0.39, 0.48, 0.00, 0.28
HSL	251°, 38%, 55%
HSV	251°, 48%, 72%
XYZ	19.1950, 14.9828, 46.6800
YIQ	109.8160, -18.7120, 30.7600

# Conversions

## Conversions Part 2

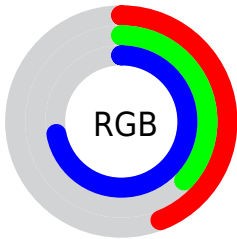
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	111, 95, 183
Decimal	7298999
CIE Lab	45.61, 27.79, -44.58
CIE LCh	46, 52.532, 301.935
Yxy	14.9828, 0.2374, 0.1853
Android (android.graphics.Color)	4285489079 (0xFF6F5FB7)
YUV	109.8160, 36.0797, 1.0384
Hunter-Lab	38.7077, 20.7792, -44.4062

# Details

The Hex color **6F5FB7** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **A7B75F**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **A692F0**, and **393081** is the 20% darker color. If you saturate the color by 10%, you get **604DB7**, and if you desaturate by 10%, it is **7E71B7**.

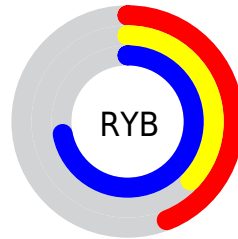
# Distribution



Red (44%)

Green (37%)

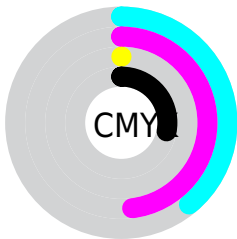
Blue (72%)



Red (44%)

Yellow (37%)

Blue (72%)

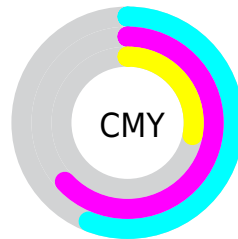


Cyan (39%)

Magenta (48%)

Yellow (0%)

Black (28%)



Cyan (56%)

Magenta (63%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F5FB7 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 6F5FB7 by changing the saturation by 10% instead.



6F5FB7

6F5FB7

FFFFFF

54479C

A692F0

393081

C2ACFF

1C1B68

DFC8FF

00064F

FCE4FF

000038

000221

000006

000000

6F5FB7

6F5FB7

604DB7

7E71B7

513AB7

8D84B7

4228B7

9C96B7

3316B7

ABA8B7

2404B7

BABBB7

2100B7

C9CDB7

D8DFB7

E7F1B7

F6FFB7

# Harmonies

## Analogous

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



0070C4



6F5FB7



A34B96

# Triad

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



6F5FB7



A15A1B



00806E

# Complementary

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



6F5FB7



A7B75F

# 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.



007D40



6F5FB7



7F6B00

# Square

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



6F5FB7



B74840



527717



008099

# Rectangle

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



6F5FB7



B5417A



527717



00805E



# Sweetspot

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



6F5FB7



D2CCED



5FA8B7



676378



F7F7F7



787878



# Same Dimension

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



6F5FB7



7D64ED



9A5FB7



54535C



1C009C



05001C



# Inverse Universe

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



B75FA7



ED64D4



7CB75F



5C535A



9C007F

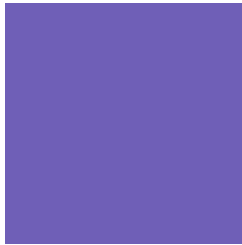


1C0017



# Previews

## White Background



This preview shows how the Hex color 6F5FB7 looks on a white 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

# Black 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

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



## Hex 6F5FB7 Background



This preview shows how black text looks on a background with the Hex color 6F5FB7.

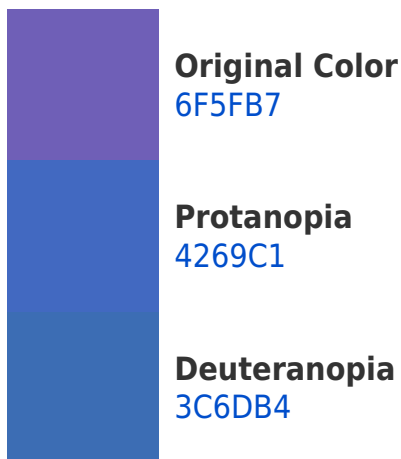


This preview shows how white text looks on a background with the Hex color 6F5FB7.

# 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](#).

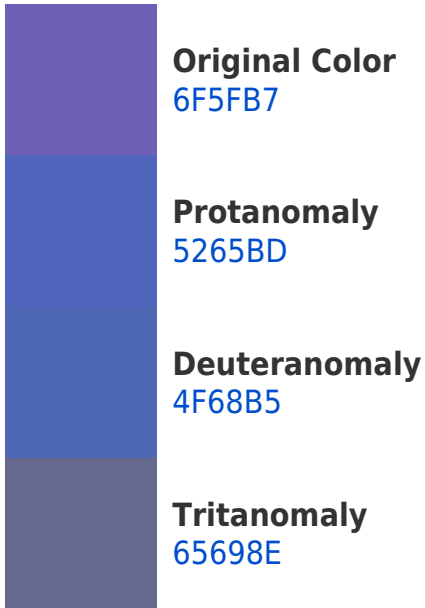
## Dichromacy





**Tritanopia**  
606E77

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F5FB7 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 #6F5FB7 looks like.

```
.text, #text, p{  
    color:#6F5FB7  
}
```

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 #6F5FB7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F5FB7
}
```

## Border

The CSS property to change the border of an element to Hex 6F5FB7 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".

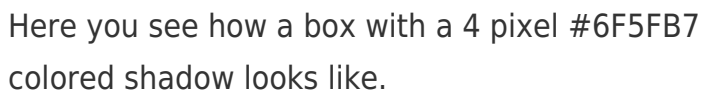
```
.border, #border, table{ border:4px solid
#6F5FB7 }
```

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

```
.border{ border-color:#6F5FB7 }
```

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

Here you see how a box with a 4 pixel #6F5FB7 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F5FB7; -webkit-box-shadow:4px 4px  
4px 4px #6F5FB7; box-shadow:4px 4px 4px  
4px #6F5FB7 }
```

# Background

The CSS property to change the background color of an element to Hex 6F5FB7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F5FB7 }
```

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

```
.background{ background-color:#6F5FB7 }
```

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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