

# Converting Colors

Hex(6F54CC)

Have a look what the booklet for  
Hex(6F54CC) contains.

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# Color

Hex(6F54CC)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6F54CC
RGB	111, 84, 204
RGB Percent	44%, 33%, 80%
CMY	0.5647, 0.6706, 0.2000
CMYK	0.46, 0.59, 0.00, 0.20
HSL	253°, 54%, 56%
HSV	253°, 59%, 80%
XYZ	20.6250, 14.0798, 58.7574
YIQ	105.7530, -22.4280, 43.0440

# Conversions

## Conversions Part 2

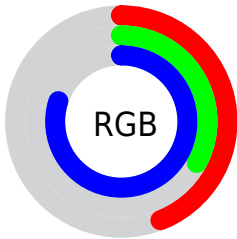
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	111, 84, 204
Decimal	7296204
CIE Lab	44.35, 40.34, -58.78
CIE LCh	44, 71.295, 304.463
Yxy	14.0798, 0.2207, 0.1506
Android (android.graphics.Color)	4285486284 (0xFF6F54CC)
YUV	105.7530, 48.4358, 4.6016
Hunter-Lab	37.5230, 32.4492, -66.5761

# Details

The Hex color **6F54CC** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted purple. A complement of this color would be **B1CC54**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **A887FF**, and **342595** is the 20% darker color. If you saturate the color by 10%, you get **5F40CC**, and if you desaturate by 10%, it is **7F68CC**.

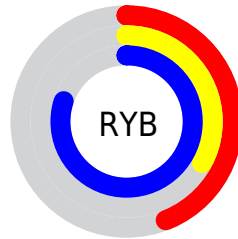
# Distribution



Red (44%)

Green (33%)

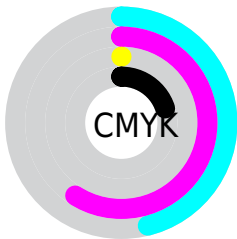
Blue (80%)



Red (44%)

Yellow (33%)

Blue (80%)

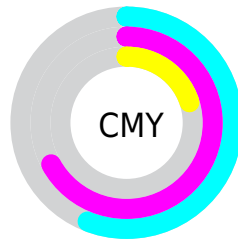


Cyan (46%)

Magenta (59%)

Yellow (0%)

Black (20%)



Cyan (56%)

Magenta (67%)

Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6F54CC 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 6F54CC by changing the saturation by 10% instead.



6F54CC

6F54CC

FFFFFF

523CB0

A887FF

342595

C5A1FF

0A0E7A

E3BCFF

000061

FFD8FF

000048

FFF5FF

000430

00011B

000000

6F54CC

6F54CC

■ 5F40CC

■ 7F68CC

■ 4F2BCC

■ 8F7DCC

■ 4017CC

■ 9E91CC

■ 3002CC

■ AEA6CC

■ 2E00CC

■ BEBACC

■ CECECC

■ DEE3CC

■ EDF7CC

■ FDF FCC

# Harmonies

## Analogous

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



006EE1



6F54CC



B42D9D

# Triad

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



6F54CC



A75100



008270

# Complementary

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



6F54CC



B1CC54

# 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.



007F31



6F54CC



786A00

# Square

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



6F54CC



C62D29



377800



0081AB

# Rectangle

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



6F54CC



C90E77



377800



00815C



# Sweetspot

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



6F54CC



DBD1FF



54B2CC



6A6380



000000



808080



# Same Dimension

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



6F54CC



734AFF



AA54CC



5E5C66



2500A6



090026



# Inverse Universe

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



CC54B1



FF4AD6



76CC54



665C64



A60080

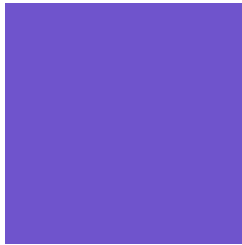


26001E



# Previews

## White Background



This preview shows how the Hex color 6F54CC looks on a white background.

## Color Contrast Check

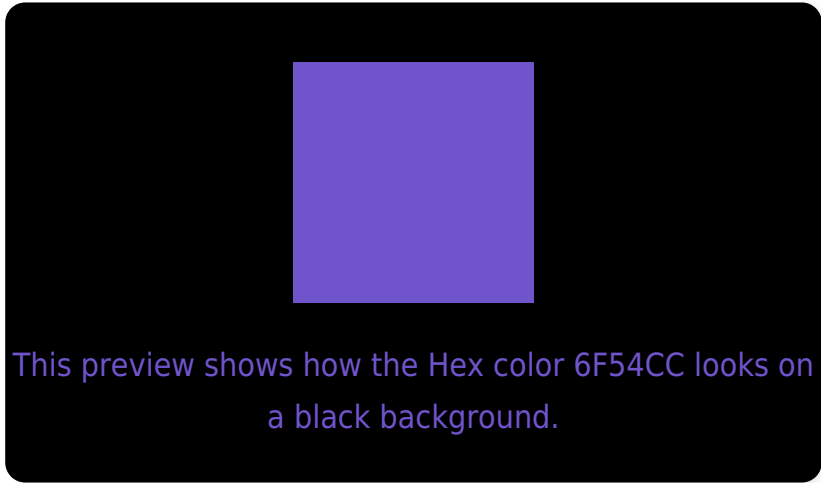
Large Text (above 18pt) WCAG AA ✓ Pass

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

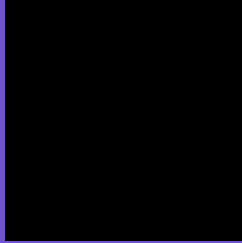
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6F54CC Background



This preview shows how black text looks on a background with the Hex color 6F54CC.

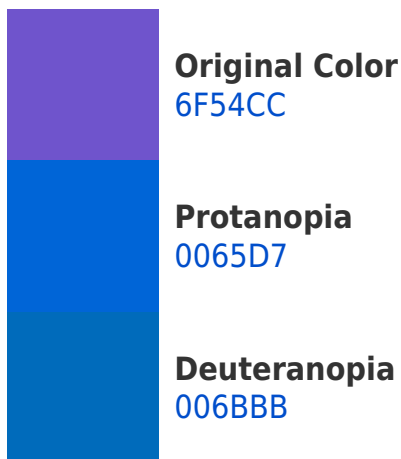


This preview shows how white text looks on a background with the Hex color 6F54CC.

# 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](#).

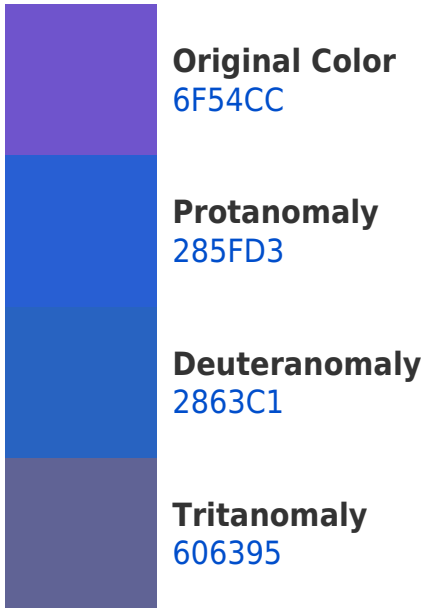
## Dichromacy



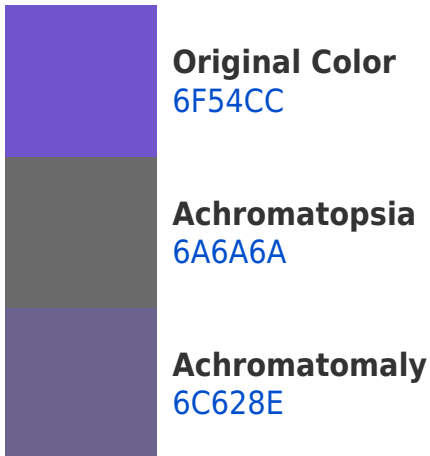


**Tritanopia**  
586C75

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6F54CC 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 #6F54CC looks like.

```
.text, #text, p{  
    color:#6F54CC  
}
```

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 #6F54CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6F54CC
}
```

## Border

The CSS property to change the border of an element to Hex 6F54CC is called "border". The border property can be set on classes, ids or directly on the HTML element.

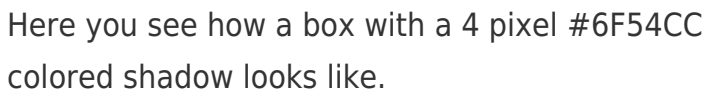
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6F54CC }
```

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

```
.border{ border-color:#6F54CC }
```

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



Here you see how a box with a 4 pixel #6F54CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6F54CC; -webkit-box-shadow:4px 4px  
4px 4px #6F54CC; box-shadow:4px 4px 4px  
4px #6F54CC }
```

# Background

The CSS property to change the background color of an element to Hex 6F54CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6F54CC }
```

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

```
.background{ background-color:#6F54CC }
```

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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