

# Converting Colors

Hex(6C62CC)

Have a look what the booklet for  
Hex(6C62CC) contains.

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# Color

Hex(6C62CC)

# Conversions

## Conversions Part 1

Format	Color
Hex	6C62CC
RGB	108, 98, 204
RGB Percent	42%, 38%, 80%
CMY	0.5765, 0.6157, 0.2000
CMYK	0.47, 0.52, 0.00, 0.20
HSL	246°, 51%, 59%
HSV	246°, 52%, 80%
XYZ	21.4511, 16.2831, 59.1391
YIQ	113.0740, -28.0660, 35.0860

# Conversions

## Conversions Part 2

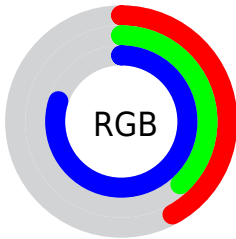
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	108, 98, 204
Decimal	7103180
CIE Lab	47.34, 31.39, -53.97
CIE LCh	47, 62.431, 300.182
Yxy	16.2831, 0.2214, 0.1681
Android (android.graphics.Color)	4285293260 (0xFF6C62CC)
YUV	113.0740, 44.8265, -4.4499
Hunter-Lab	40.3524, 24.2730, -58.6468

# Details

The Hex color **6C62CC** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **C2CC62**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **A595FF**, and **313395** is the 20% darker color. If you saturate the color by 10%, you get **5A4ECC**, and if you desaturate by 10%, it is **7E76CC**.

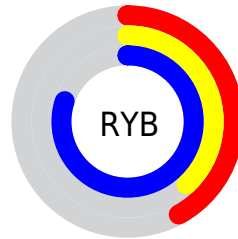
# Distribution



Red (42%)

Green (38%)

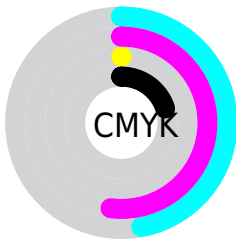
Blue (80%)



Red (42%)

Yellow (38%)

Blue (80%)

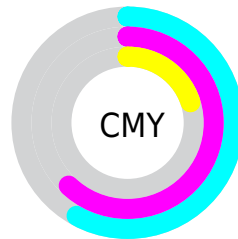


Cyan (47%)

Magenta (52%)

Yellow (0%)

Black (20%)



Cyan (58%)

Magenta (62%)

Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C62CC 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 6C62CC by changing the saturation by 10% instead.



■ 6C62CC

■ 6C62CC

FFFFFF

■ 504AB0

■ A595FF

■ 313395

■ C1B0FF

■ 061E7B

■ DFCBFF

■ 000A61

■ FCE7FF

■ 000049

■ 000431

■ 00011B

■ 000000

■ 6C62CC

■ 6C62CC

■ 5A4ECC

■ 7E76CC

■ 4739CC

■ 918BCC

■ 3525CC

■ A39FCC

■ 2210CC

■ B6B4CC

■ 1300CC

■ C8C8CC

■ DBDCCC

■ EDF1CC

■ FFFFCC

# Harmonies

## Analogous

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



0077DA



6C62CC



AE47A5

# Triad

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



6C62CC



AF5909



00876F

# Complementary

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



6C62CC



C2CC62

# 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.



008438



6C62CC



876E00

# Square

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



6C62CC



C8403F



537C00



0087A4

# Rectangle

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



6C62CC



C53884



537C00



00875D



# Sweetspot

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



6C62CC



DAD6FF



62C3CC



6A6780



000000



808080



# Same Dimension

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



6C62CC



7061FF



A062CC



5D5C66



1000A6



040026



# Inverse Universe

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



CC62C2



FF61F0



8ECC62



665C65



A60096

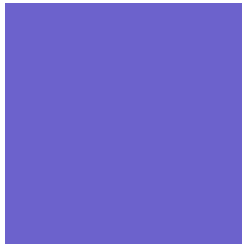


260023



# Previews

## White Background



This preview shows how the Hex color 6C62CC looks on a white background.

## Color Contrast Check

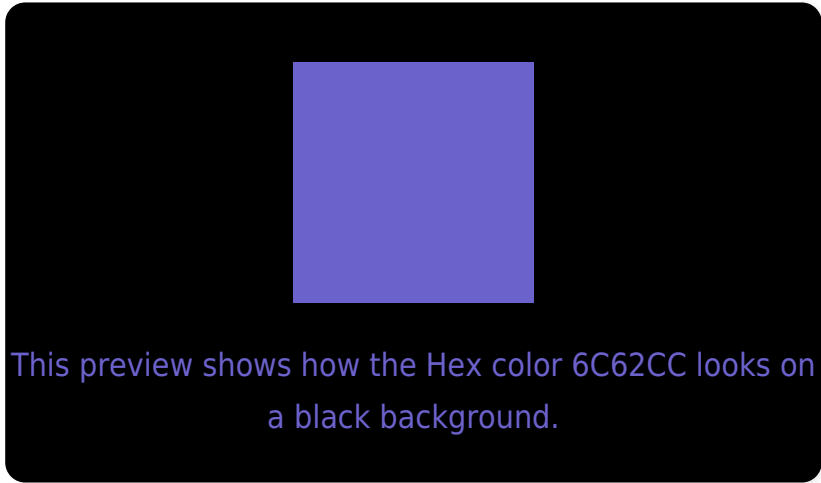
Large Text (above 18pt) WCAG AA ✓ Pass

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

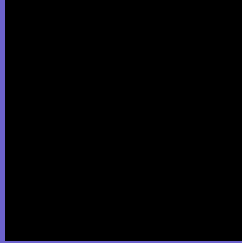
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6C62CC Background



This preview shows how black text looks on a background with the Hex color 6C62CC.

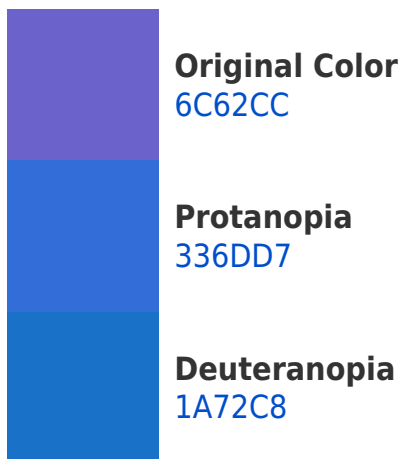



This preview shows how white text looks on a background with the Hex color 6C62CC.

# 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](#).

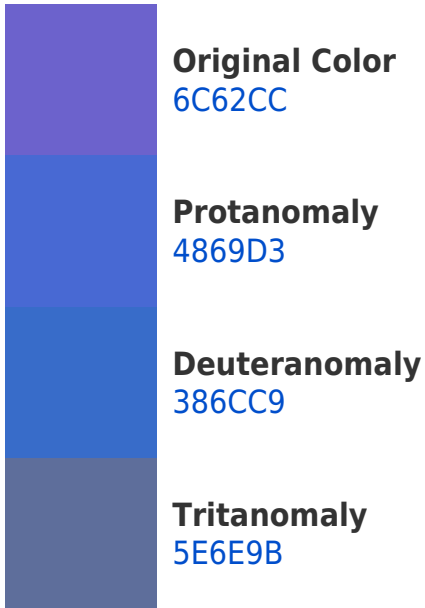
## Dichromacy



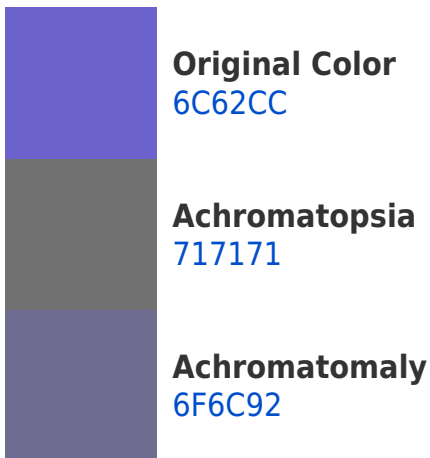


**Tritanopia**  
56757F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C62CC 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 #6C62CC looks like.

```
.text, #text, p{  
    color:#6C62CC  
}
```

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 #6C62CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C62CC
}
```

## Border

The CSS property to change the border of an element to Hex 6C62CC 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".

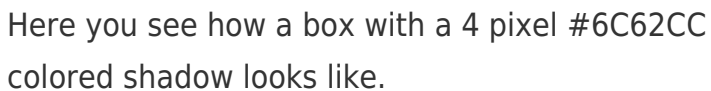
```
.border, #border, table{ border:4px solid
#6C62CC }
```

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

```
.border{ border-color:#6C62CC }
```

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

Here you see how a box with a 4 pixel #6C62CC colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C62CC; -webkit-box-shadow:4px 4px  
4px 4px #6C62CC; box-shadow:4px 4px 4px  
4px #6C62CC }
```

# Background

The CSS property to change the background color of an element to Hex 6C62CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C62CC }
```

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

```
.background{ background-color:#6C62CC }
```

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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