

# Converting Colors

Hex(6C4CB3)

Have a look what the booklet for  
Hex(6C4CB3) contains.

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# Color

**Hex(6C4CB3)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6C4CB3
RGB	108, 76, 179
RGB Percent	42%, 30%, 70%
CMY	0.5765, 0.7020, 0.2980
CMYK	0.40, 0.58, 0.00, 0.30
HSL	259°, 40%, 50%
HSV	259°, 58%, 70%
XYZ	16.9055, 11.6117, 43.9981
YIQ	97.3100, -13.9910, 38.8170

# Conversions

## Conversions Part 2

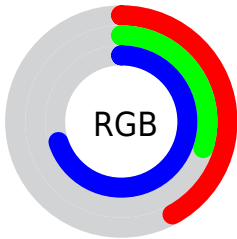
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	108, 76, 179
Decimal	7097523
CIE Lab	40.59, 37.26, -50.29
CIE LCh	41, 62.587, 306.534
Yxy	11.6117, 0.2331, 0.1601
Android (android.graphics.Color)	4285287603 (0xFF6C4CB3)
YUV	97.3100, 40.2732, 9.3751
Hunter-Lab	34.0759, 28.9230, -52.7007

# Details

The Hex color **6C4CB3** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **93B34C**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **A37EEB**, and **351D7D** is the 20% darker color. If you saturate the color by 10%, you get **603AB3**, and if you desaturate by 10%, it is **785EB3**.

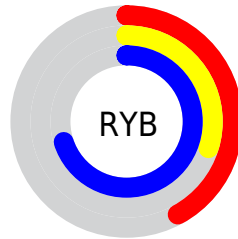
# Distribution



Red (42%)

Green (30%)

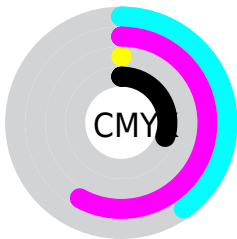
Blue (70%)



Red (42%)

Yellow (30%)

Blue (70%)

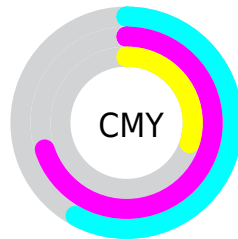


Cyan (40%)

Magenta (58%)

Yellow (0%)

Black (30%)



Cyan (58%)

Magenta (70%)

Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C4CB3 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 6C4CB3 by changing the saturation by 10% instead.



 6C4CB3

 6C4CB3

FFFFFF

 513498

 A37EEB

 351D7D

 C098FF

 150664

 DDB3FF

 00004B

 FACFFF

 000433

 FFECFF

 00021D

 000000

 6C4CB3

 6C4CB3

 603AB3

 785EB3

■ 5328B3

■ 8570B3

■ 4716B3

■ 9182B3

■ 3B04B3

■ 9D94B3

■ 3800B3

■ AAA5B3

■ B6B7B3

■ C2C9B3

■ CFDBB3

■ DBEDB3

# Harmonies

## Analogous

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



0063C7



6C4CB3



A42D8A

# Triad

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



6C4CB3



944D00



00766A

# Complementary

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



6C4CB3



93B34C

# 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.



007334



6C4CB3



6B6100

# Square

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



6C4CB3



B03225



326D00



00759C

# Rectangle

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



6C4CB3



B51C68



326D00



007558



# Sweetspot

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



6C4CB3



CDC1E8



4C94B3



655E75



F5F5F5



757575



# Same Dimension

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



6C4CB3



7A48E8



9E4CB3



535059



300099



08001A



# Inverse Universe

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



B34C93



E848B6



61B34C



595056



990069

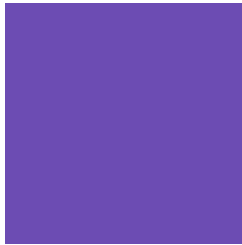


1A0012



# Previews

## White Background



This preview shows how the Hex color 6C4CB3 looks on a white background.

## Color Contrast Check

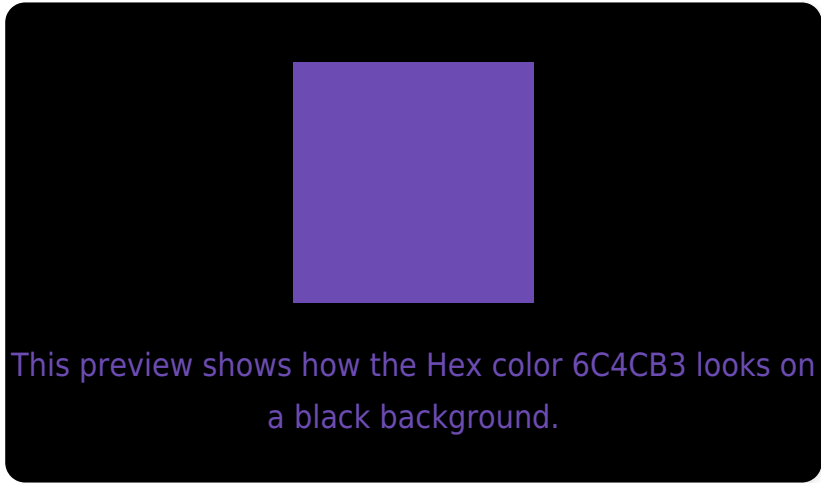
Large Text (above 18pt) WCAG AA ✓ Pass

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

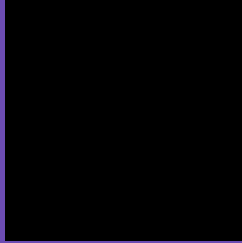
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6C4CB3 Background



This preview shows how black text looks on a background with the Hex color 6C4CB3.

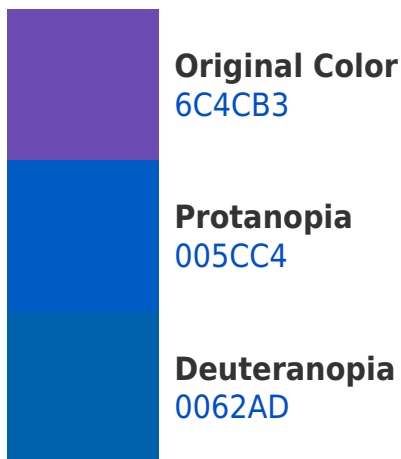


This preview shows how white text looks on a background with the Hex color 6C4CB3.

# 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](#).

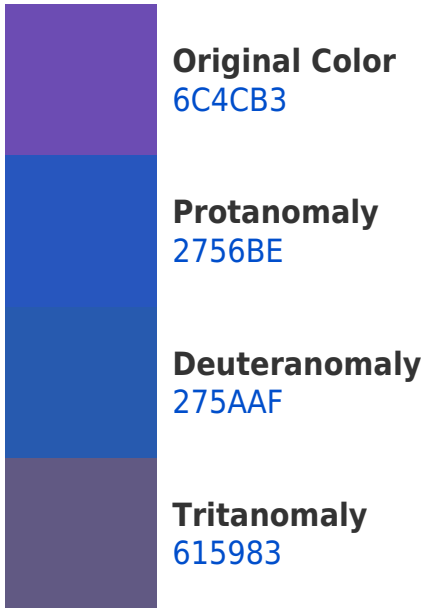
## Dichromacy





**Tritanopia**  
5B6068

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C4CB3 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 #6C4CB3 looks like.

```
.text, #text, p{  
    color:#6C4CB3  
}
```

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 #6C4CB3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C4CB3 }  
}
```

## Border

The CSS property to change the border of an element to Hex 6C4CB3 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 #6C4CB3 }  
}
```

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

```
.border{ border-color:#6C4CB3 }
```

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

Here you see how a box with a 4 pixel #6C4CB3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C4CB3; -webkit-box-shadow:4px 4px  
4px 4px #6C4CB3; box-shadow:4px 4px 4px  
4px #6C4CB3 }
```

# Background

The CSS property to change the background color of an element to Hex 6C4CB3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C4CB3 }
```

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

```
.background{ background-color:#6C4CB3 }
```

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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