

# Converting Colors

Hex(6C67BC)

Have a look what the booklet for  
Hex(6C67BC) contains.

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# Color

**Hex(6C67BC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6C67BC
RGB	108, 103, 188
RGB Percent	42%, 40%, 74%
CMY	0.5765, 0.5961, 0.2627
CMYK	0.43, 0.45, 0.00, 0.26
HSL	244°, 39%, 57%
HSV	244°, 45%, 74%
XYZ	20.1117, 16.5195, 49.7055
YIQ	114.1850, -24.3050, 27.4950

# Conversions

## Conversions Part 2

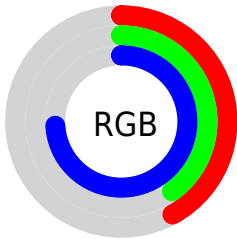
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	108, 103, 188
Decimal	7104444
CIE <sub>Lab</sub>	47.65, 23.60, -44.26
CIE <sub>LCh</sub>	48, 50.156, 298.068
Y <sub>xy</sub>	16.5195, 0.2329, 0.1913
Android (android.graphics.Color)	4285294524 (0xFF6C67BC)
YUV	114.1850, 36.3908, -5.4242
Hunter-Lab	40.6442, 17.1987, -44.0574

# Details

The Hex color **6C67BC** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **B7BC67**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **A39AF5**, and **353886** is the 20% darker color. If you saturate the color by 10%, you get **5A54BC**, and if you desaturate by 10%, it is **7E7ABC**.

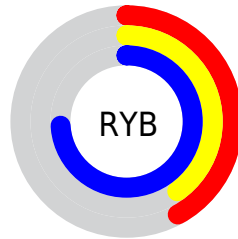
# Distribution



Red (42%)

Green (40%)

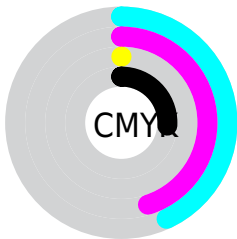
Blue (74%)



Red (42%)

Yellow (40%)

Blue (74%)

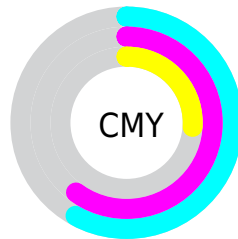


Cyan (43%)

Magenta (45%)

Yellow (0%)

Black (26%)



Cyan (58%)

Magenta (60%)

Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C67BC 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 6C67BC by changing the saturation by 10% instead.



■ 6C67BC

■ 6C67BC

FFFFFF

■ 514FA1

■ A39AF5

■ 353886

■ BFB5FF

■ 16236C

■ DCD0FF

■ 000F53

■ F9EDFF

■ 00003C

■ 000225

■ 00010E

■ 000000

■ 6C67BC

■ 6C67BC

■ 5A54BC

■ 7E7ABC

■ 4941BC

■ 8F8DBC

■ 372FBC

■ A19FBC

■ 251CBC

■ B3B2BC

■ 1409BC

■ C4C5BC

■ 0B00BC

■ D6D8BC

■ E8EBBC

■ FAFDBC

■ FFFFBC

# Harmonies

## Analogous

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



0077C6



6C67BC



A1549E

# Triad

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



6C67BC



A95E28



00856D

# Complementary

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



6C67BC



B7BC67

# 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.



1F8242



6C67BC



896E11

# Square

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



6C67BC



BB4E4C



5F7A1F



008598

# Rectangle

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



6C67BC



B54B84



5F7A1F



00845E



# Sweetspot

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



6C67BC



D5D3F5



67B8BC



67667A



FAFAFA



7A7A7A



# Same Dimension

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



6C67BC



7871F5



9667BC



5555E



09009E



02001F



# Inverse Universe

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



BC67B7



F571ED



8DBC67



5E555E



9E0095

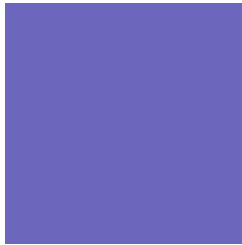


1F001D



# Previews

## White Background



This preview shows how the Hex color 6C67BC looks on a white background.

## Color Contrast Check

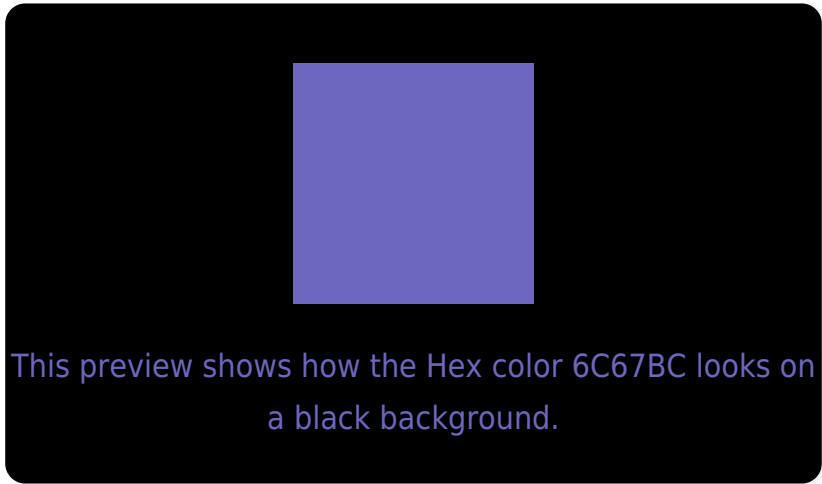
Large Text (above 18pt) WCAG AA ✓ Pass

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 6C67BC Background



This preview shows how black text looks on a background with the Hex color 6C67BC.

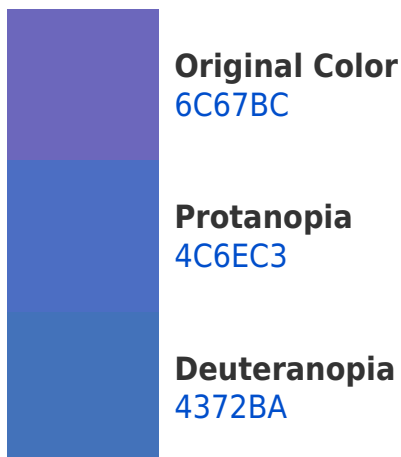


This preview shows how white text looks on a background with the Hex color 6C67BC.

# 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](#).

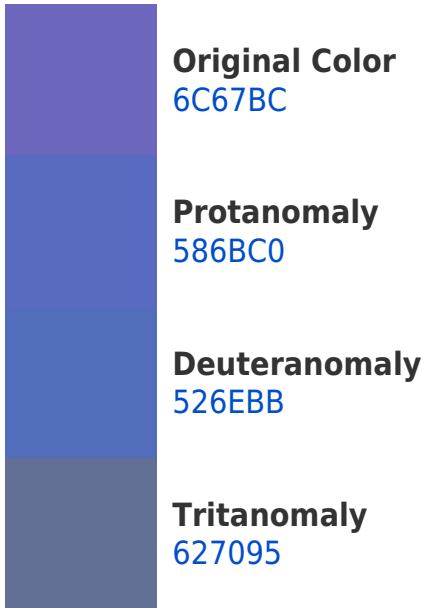
## Dichromacy





**Tritanopia**  
5C757E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C67BC 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 #6C67BC looks like.

```
.text, #text, p{  
    color:#6C67BC  
}
```

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 #6C67BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C67BC
}
```

## Border

The CSS property to change the border of an element to Hex 6C67BC is called "border". The border property can be set on classes, ids or directly on the HTML element.

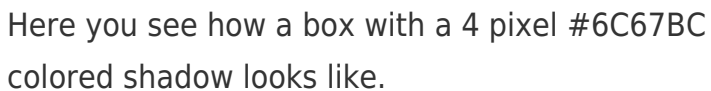
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6C67BC }
```

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

```
.border{ border-color:#6C67BC }
```

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



Here you see how a box with a 4 pixel #6C67BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C67BC; -webkit-box-shadow:4px 4px  
4px 4px #6C67BC; box-shadow:4px 4px 4px  
4px #6C67BC }
```

# Background

The CSS property to change the background color of an element to Hex 6C67BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C67BC }
```

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

```
.background{ background-color:#6C67BC }
```

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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