

# Converting Colors

Hex(6C7DD2)

Have a look what the booklet for  
Hex(6C7DD2) contains.

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# Color

**Hex(6C7DD2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6C7DD2
RGB	108, 125, 210
RGB Percent	42%, 49%, 82%
CMY	0.5765, 0.5098, 0.1765
CMYK	0.49, 0.40, 0.00, 0.18
HSL	230°, 53%, 62%
HSV	230°, 49%, 82%
XYZ	25.1508, 22.5085, 63.9918
YIQ	129.6070, -37.4170, 22.8310

# Conversions

## Conversions Part 2

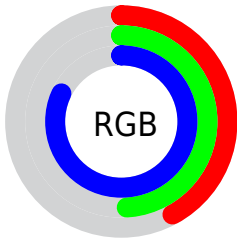
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	108, 123, 210
Decimal	7110098
CIE Lab	54.56, 16.85, -45.87
CIE LCh	55, 48.866, 290.175
Yxy	22.5085, 0.2253, 0.2016
Android (android.graphics.Color)	4285300178 (0xFF6C7DD2)
YUV	129.6070, 39.6337, -18.9493
Hunter-Lab	47.4431, 11.6019, -46.7607

# Details

The Hex color **6C7DD2** is a dark color, and the websafe version is hex **6699FF**. A complement of this color would be **D2C16C**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **A4B1FF**, and **324D9B** is the 20% darker color. If you saturate the color by 10%, you get **576CD2**, and if you desaturate by 10%, it is **818FD2**.

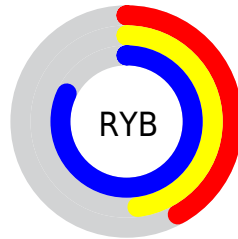
# Distribution



Red (42%)

Green (49%)

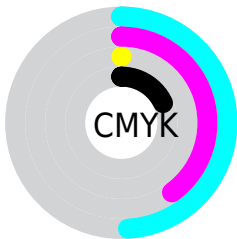
Blue (82%)



Red (42%)

Yellow (48%)

Blue (82%)

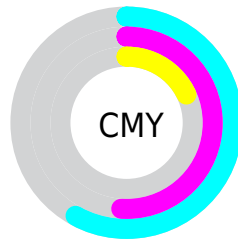


Cyan (49%)

Magenta (40%)

Yellow (0%)

Black (18%)



Cyan (58%)

Magenta (51%)

Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C7DD2 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 6C7DD2 by changing the saturation by 10% instead.



■ 6C7DD2

■ 6C7DD2

FFFFFF

■ 5064B6

■ A4B1FF

■ 324D9B

■ C1CDFF

■ 083680

■ DEE9FF

■ 002167

■ FCFFFF

■ 000D4E

■ 000537

■ 000220

■ 000005

■ 000000

■ 6C7DD2

■ 6C7DD2

■ 576CD2

■ 818FD2

■ 425AD2

■ 96A0D2

■ 2D49D2

■ ABB2D2

■ 1837D2

■ C0C3D2

■ 0326D2

■ D5D4D2

■ 0023D2

■ EAE6D2

■ FFF8D2

■ FFFF2

# Harmonies

## Analogous

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



008BD6



6C7DD2



A86CB9

# Triad

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



6C7DD2



C36B43



009673

# Complementary

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



6C7DD2



D2C16C

# 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.



4B924A



6C7DD2



A67B2B

# Square

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



6C7DD2



D05E68



7E892D



00979E

# Rectangle

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



6C7DD2



C162A0



7E892D



009564



# Sweetspot

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



6C7DD2



D9DFFF



6CD2C1



696C80



000000



808080



# Same Dimension

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



6C7DD2



6B84FF



8E6CD2



5E6069



001CA8



000729



# Inverse Universe

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



D26C7D



FF6B84



B0D26C



695E60



A8001C

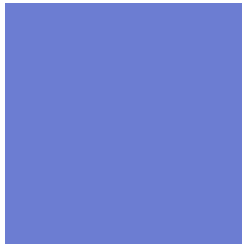


290007



# Previews

## White Background



This preview shows how the Hex color 6C7DD2 looks on a white background.

## Color Contrast Check

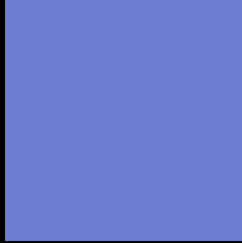
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 6C7DD2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

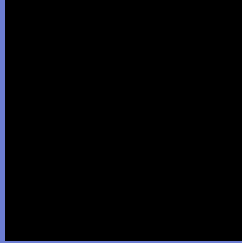
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6C7DD2 Background



This preview shows how black text looks on a background with the Hex color 6C7DD2.




This preview shows how white text looks on a background with the Hex color 6C7DD2.

# 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](#).

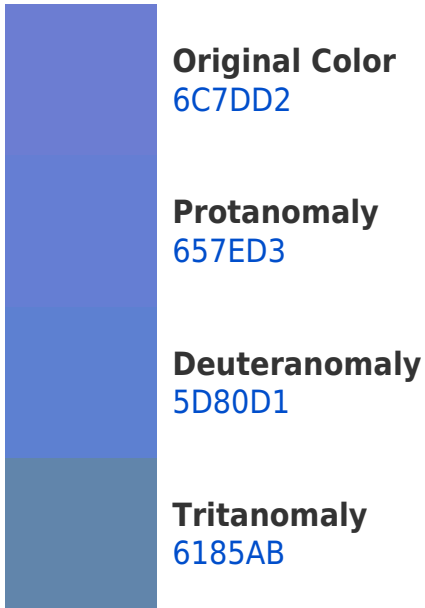
## Dichromacy



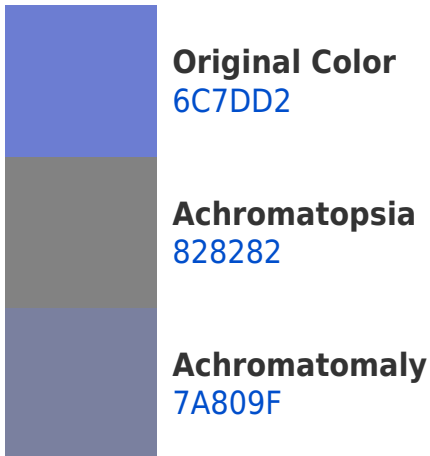


**Tritanopia**  
5A8A95

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C7DD2 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 #6C7DD2 looks like.

```
.text, #text, p{  
    color:#6C7DD2  
}
```

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 #6C7DD2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C7DD2
}
```

## Border

The CSS property to change the border of an element to Hex 6C7DD2 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
#6C7DD2 }
```

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

```
.border{ border-color:#6C7DD2 }
```

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

Here you see how a box with a 4 pixel #6C7DD2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C7DD2; -webkit-box-shadow:4px 4px  
4px 4px #6C7DD2; box-shadow:4px 4px 4px  
4px #6C7DD2 }
```

# Background

The CSS property to change the background color of an element to Hex 6C7DD2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C7DD2 }
```

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

```
.background{ background-color:#6C7DD2 }
```

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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