

# Converting Colors

Hex(617CD5)

Have a look what the booklet for  
Hex(617CD5) contains.

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# Color

Hex(617CD5)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	617CD5
RGB	97, 124, 213
RGB Percent	38%, 49%, 84%
CMY	0.6196, 0.5137, 0.1647
CMYK	0.54, 0.42, 0.00, 0.16
HSL	226°, 58%, 61%
HSV	226°, 54%, 84%
XYZ	24.1477, 21.7608, 65.8783
YIQ	126.0730, -44.6610, 21.9550

# Conversions

## Conversions Part 2

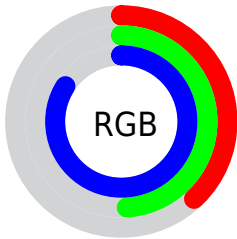
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	97, 119, 213
Decimal	6388949
CIE Lab	53.77, 15.93, -48.86
CIE LCh	54, 51.393, 288.062
Yxy	21.7608, 0.2160, 0.1947
Android (android.graphics.Color)	4284579029 (0xFF617CD5)
YUV	126.0730, 42.8550, -25.4970
Hunter-Lab	46.6485, 10.7660, -51.0772

# Details

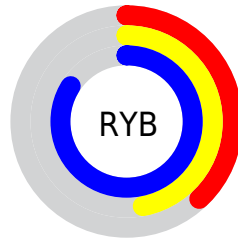
The Hex color **617CD5** is a dark color, and the websafe version is hex **6699FF**. A complement of this color would be **D5BA61**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **9BB0FF**, and **204C9E** is the 20% darker color. If you saturate the color by 10%, you get **4C6CD5**, and if you desaturate by 10%, it is **768CD5**.

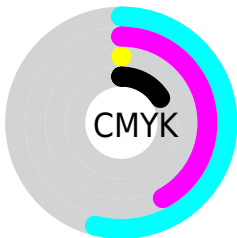
# Distribution



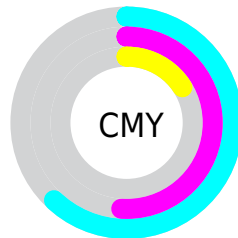
- Red (38%)
- Green (49%)
- Blue (84%)



- Red (38%)
- Yellow (47%)
- Blue (84%)



- Cyan (54%)
- Magenta (42%)
- Yellow (0%)
- Black (16%)



- Cyan (62%)
- Magenta (51%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 617CD5 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 617CD5 by changing the saturation by 10% instead.



■ 617CD5

■ 617CD5

FFFFFF

■ 4363B9

■ 9BB0FF

■ 204C9E

■ B8CCFF

■ 003683

■ D5E8FF

■ 002169

■ F2FFFF

■ 000B51

■ 000539

■ 000222

■ 000009

■ 000000

■ 617CD5

■ 617CD5

■ 4C6CD5

■ 768CD5

■ 365BD5

■ 8C9DD5

■ 214BD5

■ A1ADD5

■ 0C3BD5

■ B6BDD5

■ 0032D5

■ CBCED5

■ E1DED5

■ F6EED5

■ FFFFD5

# Harmonies

## Analogous

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



008BD7



617CD5



A569BC

# Triad

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



617CD5



C46640



00956D

# Complementary

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



617CD5



D5BA61

# 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.



4A9042



617CD5



A77824

# Square

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



617CD5



D25968



7E8624



00969B

# Rectangle

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



617CD5



BF5EA3



7E8624



00945E



# Sweetspot

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



617CD5



D6E0FF



61D5BA



676D80



000000



808080



# Same Dimension

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



617CD5



5980FF



8061D5



60636B



0028AB



000A2B



# Inverse Universe

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



D5617C



FF5980



B6D561



6B6063



AB0028

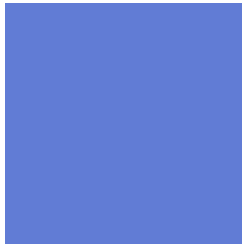


2B000A



# Previews

## White Background



This preview shows how the Hex color 617CD5 looks on a white background.

## Color Contrast Check

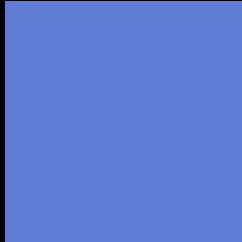
Large Text (above 18pt) WCAG AA ✓ Pass

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 617CD5 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

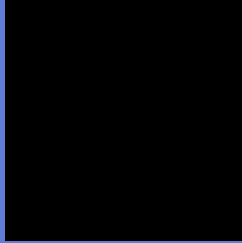
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 617CD5 Background



This preview shows how black text looks on a background with the Hex color 617CD5.

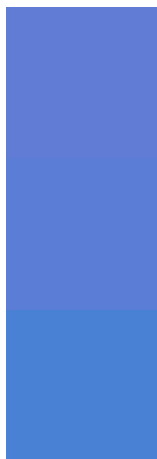


This preview shows how white text looks on a background with the Hex color 617CD5.

# 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



**Original Color**  
617CD5

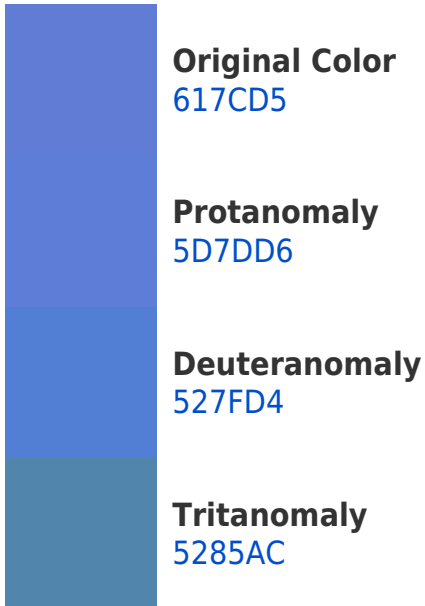
**Protanopia**  
5B7DD6

**Deuteranopia**  
4981D4

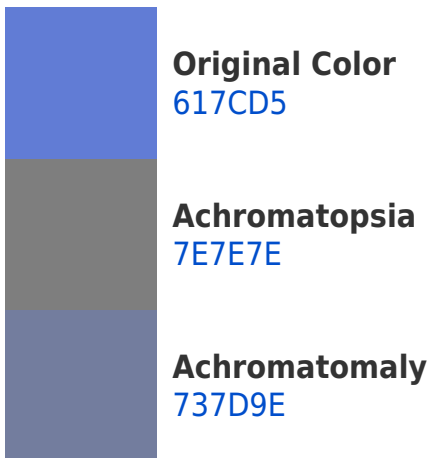


**Tritanopia**  
4A8A95

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 617CD5 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 #617CD5 looks like.

```
.text, #text, p{  
    color:#617CD5  
}
```

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 #617CD5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #617CD5
}
```

## Border

The CSS property to change the border of an element to Hex 617CD5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

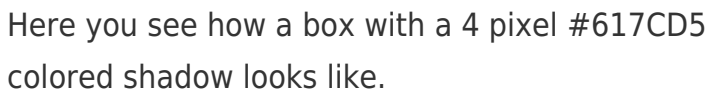
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#617CD5 }
```

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

```
.border{ border-color:#617CD5 }
```

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



Here you see how a box with a 4 pixel #617CD5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #617CD5; -webkit-box-shadow:4px 4px  
4px 4px #617CD5; box-shadow:4px 4px 4px  
4px #617CD5 }
```

# Background

The CSS property to change the background color of an element to Hex 617CD5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#617CD5 }
```

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

```
.background{ background-color:#617CD5 }
```

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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