

# Converting Colors

Hex(616FD1)

Have a look what the booklet for  
Hex(616FD1) contains.

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# Color

**Hex(616FD1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	616FD1
RGB	97, 111, 209
RGB Percent	38%, 44%, 82%
CMY	0.6196, 0.5647, 0.1804
CMYK	0.54, 0.47, 0.00, 0.18
HSL	232°, 55%, 60%
HSV	232°, 54%, 82%
XYZ	22.1228, 18.5137, 62.7291
YIQ	117.9860, -39.8020, 27.5100

# Conversions

## Conversions Part 2

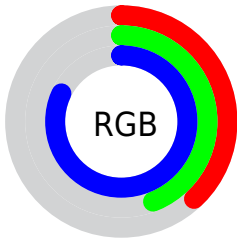
<b>Format</b>	<b>Color</b>
<b>RYB</b>	97, 109, 209
Decimal	6385617
CIELab	50.11, 22.59, -52.43
CIELCh	50, 57.090, 293.313
Yxy	18.5137, 0.2140, 0.1791
Android (android.graphics.Color)	4284575697 (0xFF616FD1)
YUV	117.9860, 44.8699, -18.4047
Hunter-Lab	43.0276, 16.4784, -56.3185

# Details

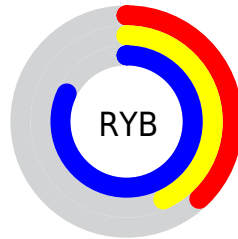
The Hex color **616FD1** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **D1C361**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **9AA2FF**, and **21409A** is the 20% darker color. If you saturate the color by 10%, you get **4C5DD1**, and if you desaturate by 10%, it is **7681D1**.

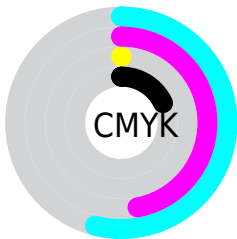
# Distribution



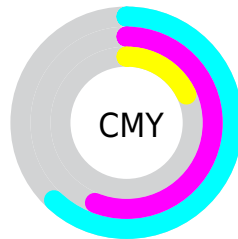
- Red (38%)
- Green (44%)
- Blue (82%)



- Red (38%)
- Yellow (43%)
- Blue (82%)



- Cyan (54%)
- Magenta (47%)
- Yellow (0%)
- Black (18%)



- Cyan (62%)
- Magenta (56%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 616FD1 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 616FD1 by changing the saturation by 10% instead.



■ 616FD1

■ 616FD1

FFFFFF

■ 4357B5

■ 9AA2FF

■ 21409A

■ B7BDFF

■ 002A7F

■ D5D9FF

■ 001766

■ F2F6FF

■ 00004D

■ 000535

■ 00021F

■ 000002

■ 000000

■ 616FD1

■ 616FD1

■ 4C5DD1

■ 7681D1

■ 374AD1

■ 8B94D1

■ 2238D1

■ A0A6D1

■ 0D26D1

■ B5B8D1

■ 001AD1

■ CACAD1

■ DEDDD1

■ F3EFD1

■ FFFFD1

# Harmonies

## Analogous

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



0080D8



616FD1



A759B2

# Triad

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



616FD1



BB5D28



008D6A

# Complementary

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



616FD1



D1C361

# 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.



248939



616FD1



987100

# Square

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



616FD1



CD4A54



6A800B



008E9C

# Rectangle

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



616FD1



C14B94



6A800B



008C5A



# Sweetspot

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



616FD1



D6DBFF



61D1C2



676A80



000000



808080



# Same Dimension

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



616FD1



5C70FF



8A61D1



5E5F69



0015A8



000529



# Inverse Universe

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



D1616F



FF5C70



A8D161



695E5F



A80015

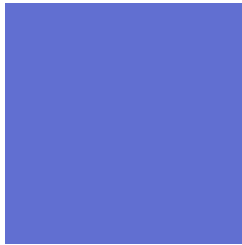


290005



# Previews

## White Background



This preview shows how the Hex color 616FD1 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



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

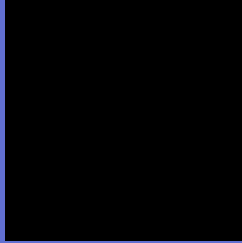
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 616FD1 Background



This preview shows how black text looks on a background with the Hex color 616FD1.

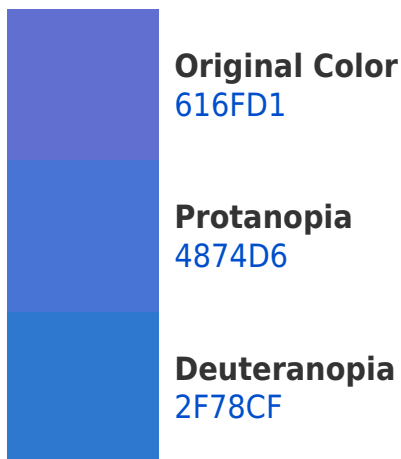


This preview shows how white text looks on a background with the Hex color 616FD1.

# 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](#).

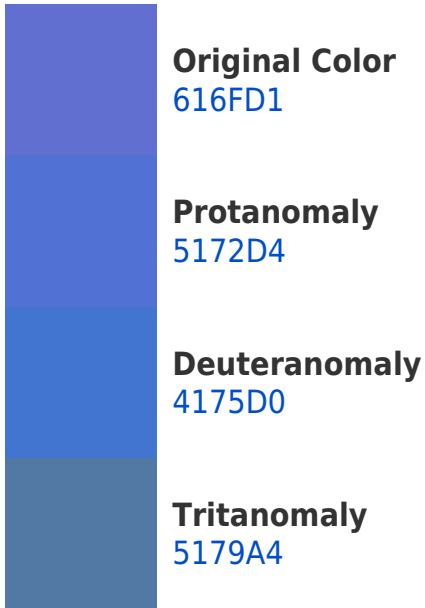
## Dichromacy



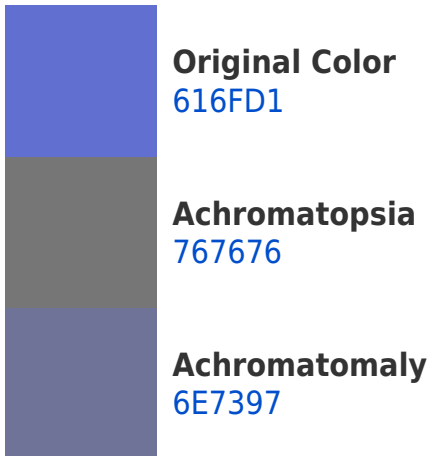


**Tritanopia**  
487F8A

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 616FD1 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 #616FD1 looks like.

```
.text, #text, p{  
    color:#616FD1  
}
```

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 #616FD1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #616FD1
}
```

## Border

The CSS property to change the border of an element to Hex 616FD1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

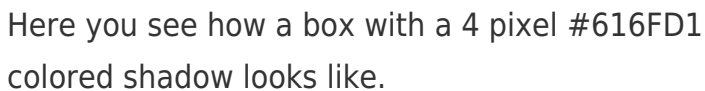
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#616FD1 }
```

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

```
.border{ border-color:#616FD1 }
```

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



Here you see how a box with a 4 pixel #616FD1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #616FD1; -webkit-box-shadow:4px 4px  
4px 4px #616FD1; box-shadow:4px 4px 4px  
4px #616FD1 }
```

# Background

The CSS property to change the background color of an element to Hex 616FD1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#616FD1 }
```

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

```
.background{ background-color:#616FD1 }
```

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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