

Converting Colors

Hex(616FD0)

Have a look what the booklet for
Hex(616FD0) contains.

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Color

Hex(616FD0)

Conversions

Conversions Part 1

| Format | Color |
|---------------|-----------------------------|
| Hex | 616FD0 |
| RGB | 97, 111, 208 |
| RGB Percent | 38%, 44%, 82% |
| CMY | 0.6196, 0.5647, 0.1843 |
| CMYK | 0.53, 0.47, 0.00, 0.18 |
| HSL | 232°, 54%, 60% |
| HSV | 232°, 53%, 82% |
| XYZ | 21.9994, 18.4643, 62.0790 |
| YIQ | 117.8720, -39.4810, 27.1990 |

Conversions

Conversions Part 2

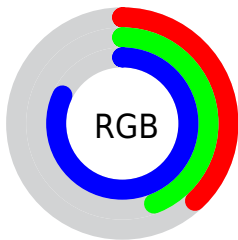
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 97, 109, 208 |
| Decimal | 6385616 |
| CIE Lab | 50.05, 22.27, -51.95 |
| CIE LCh | 50, 56.527, 293.207 |
| Yxy | 18.4643, 0.2145, 0.1801 |
| Android (android.graphics.Color) | 4284575696 (0xFF616FD0) |
| YUV | 117.8720, 44.4331, -18.3047 |
| Hunter-Lab | 42.9701, 16.1887, -55.5772 |

Details

The Hex color **616FD0** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **D0C261**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **9AA2FF**, and **214099** is the 20% darker color. If you saturate the color by 10%, you get **4C5DD0**, and if you desaturate by 10%, it is **7681D0**.

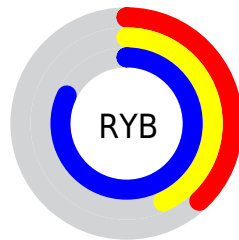
Distribution



Red (38%)

Green (44%)

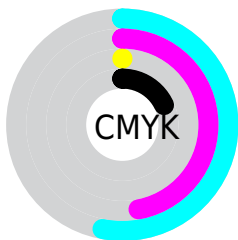
Blue (82%)



Red (38%)

Yellow (43%)

Blue (82%)

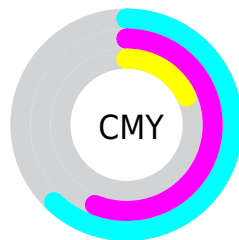


Cyan (53%)

Magenta (47%)

Yellow (0%)

Black (18%)



Cyan (62%)

Magenta (56%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 616FD0 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 616FD0 by changing the saturation by 10% instead.

■ 616FD0

■ 616FD0

FFFFFF

■ 4357B4

■ 9AA2FF

■ 214099

■ B7BDFF

■ 002A7E

■ D4D9FF

■ 001765

■ F2F6FF

■ 00004C

■ 000534

■ 00021E

■ 000001

■ 000000

■ 616FD0

■ 616FD0

■ 4C5DD0

■ 7681D0

■ 374BD0

■ 8B93D0

■ 2338D0

■ 9FA6D0

■ 0E26D0

■ B4B8D0

■ 001AD0

■ C9CAD0

■ DEDCD0

■ F3EED0

■ FFFF00

Harmonies

Analogous

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



0080D7



616FD0



A659B1

Triad

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



616FD0



BA5D29



008D6A

Complementary

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



616FD0



D0C261

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.



26883A



616FD0



987102

Square

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



616FD0



CC4B54



6A800D



008D9C

Rectangle

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



616FD0



C04C94



6A800D



008C5A

Sweetspot

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



616FD0



D6DBFF



61D0C1



676A80



000000



808080

Same Dimension

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



616FD0



5C70FF



8A61D0



5E5F69



0015A8



000529

Inverse Universe

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



D0616F



FF5C70



A7D061



695E5F



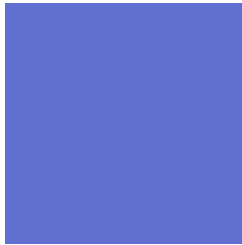
A80015



290005

Previews

White Background



This preview shows how the Hex color 616FD0 looks on a white background.

Color Contrast Check

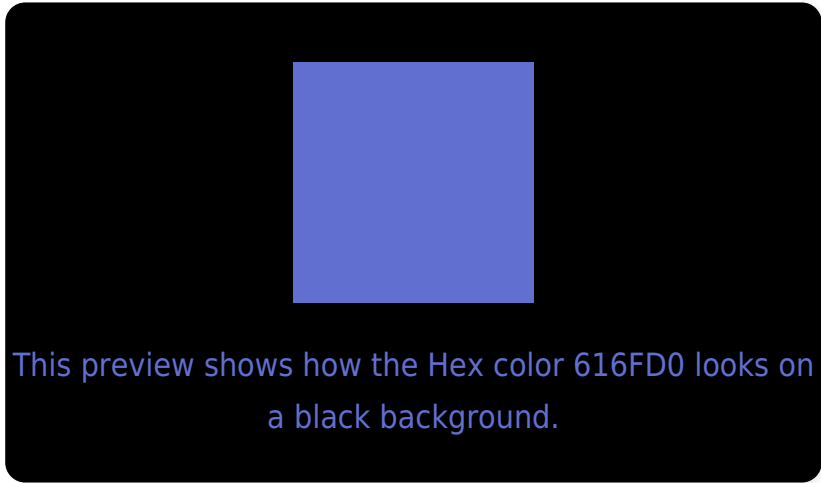
Large Text (above 18pt) WCAG AA ✓ Pass

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

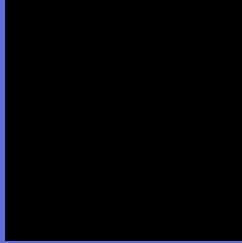
Any Text WCAG AA ✓ Pass

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 616FD0 Background



This preview shows how black text looks on a background with the Hex color 616FD0.



This preview shows how white text looks on a background with the Hex color 616FD0.

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](#).

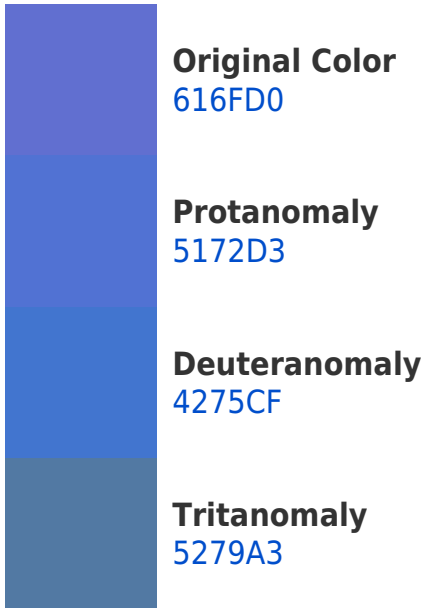
Dichromacy



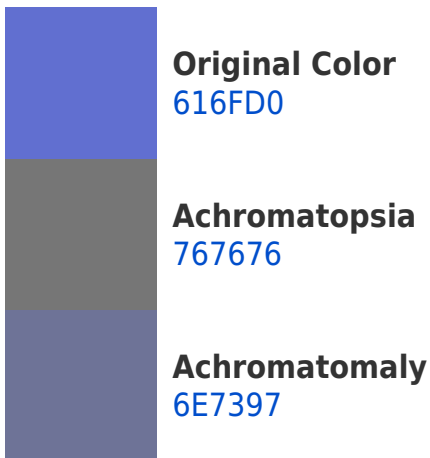


Tritanopia
497F89

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 616FD0 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 #616FD0 looks like.

```
.text, #text, p{  
    color:#616FD0  
}
```

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 #616FD0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #616FD0
}
```

Border

The CSS property to change the border of an element to Hex 616FD0 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
#616FD0 }
```

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

```
.border{ border-color:#616FD0 }
```

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

Here you see how a box with a 4 pixel #616FD0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #616FD0; -webkit-box-shadow:4px 4px  
4px 4px #616FD0; box-shadow:4px 4px 4px  
4px #616FD0 }
```

Background

The CSS property to change the background color of an element to Hex 616FD0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#616FD0 }
```

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

```
.background{ background-color:#616FD0 }
```

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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