

Converting Colors

Hex(616CCE)

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

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Color

Hex(616CCE)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 616CCE |
| RGB | 97, 108, 206 |
| RGB Percent | 38%, 42%, 81% |
| CMY | 0.6196, 0.5765, 0.1922 |
| CMYK | 0.53, 0.48, 0.00, 0.19 |
| HSL | 234°, 53%, 59% |
| HSV | 234°, 53%, 81% |
| XYZ | 21.4329, 17.7227, 60.6837 |
| YIQ | 115.8830, -38.0140, 28.1460 |

Conversions

Conversions Part 2

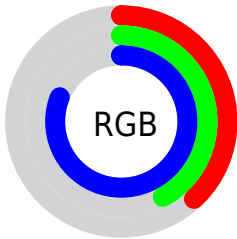
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 97, 107, 206 |
| Decimal | 6384846 |
| CIE Lab | 49.16, 23.48, -52.25 |
| CIE LCh | 49, 57.281, 294.200 |
| Yxy | 17.7227, 0.2147, 0.1775 |
| Android (android.graphics.Color) | 4284574926 (0xFF616CCE) |
| YUV | 115.8830, 44.4277, -16.5604 |
| Hunter-Lab | 42.0984, 17.2048, -55.9961 |

Details

The Hex color **616CCE** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **CEC361**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **9A9FFF**, and **213D97** is the 20% darker color. If you saturate the color by 10%, you get **4C59CE**, and if you desaturate by 10%, it is **767FCE**.

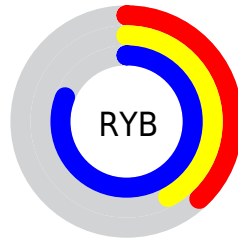
Distribution



Red (38%)

Green (42%)

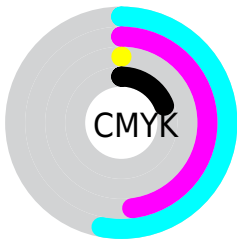
Blue (81%)



Red (38%)

Yellow (42%)

Blue (81%)

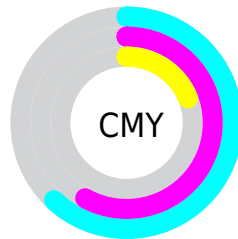


Cyan (53%)

Magenta (48%)

Yellow (0%)

Black (19%)



Cyan (62%)

Magenta (58%)

Yellow (19%)

Brightness & Saturation Gradients

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

■ 616CCE

■ 616CCE

FFFFFF

■ 4354B2

■ 9A9FFF

■ 213D97

■ B7BAFF

■ 00287D

■ D4D6FF

■ 001463

■ F2F2FF

■ 00004B

■ 000433

■ 00021D

■ 000000

■ 616CCE

■ 616CCE

■ 4C59CE

■ 767FCE

■ 3847CE

■ 8A91CE

■ 2334CE

■ 9FA4CE

■ 0F22CE

■ B3B6CE

■ 0015CE

■ C8C9CE

■ DDD BCE

■ F1EECE

■ FFFFCE

Harmonies

Analogous

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



007DD6



616CCE



A655AE

Triad

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



616CCE



B75B25



008B69

Complementary

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



616CCE



CEC361

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.



1C8738



616CCE



946F00

Square

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



616CCE



CA4850



667E08



008B9B

Rectangle

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



616CCE



BF4891



667E08



008A59

Sweetspot

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



616CCE



D6DAFF



61CEC1



676A80



000000



808080

Same Dimension

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



616CCE



5E6FFF



8B61CE



5C5D66



0011A6



000426

Inverse Universe

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



CE616C



FF5E6F



A4CE61



665C5D



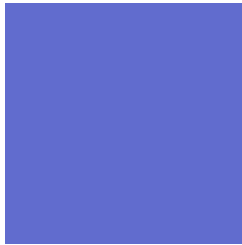
A60011



260004

Previews

White Background



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

Color Contrast Check

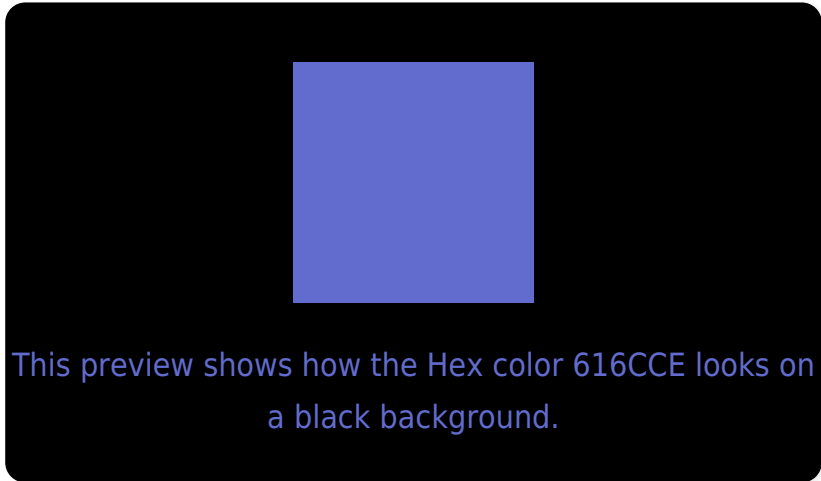
Large Text (above 18pt) WCAG AA ✓ Pass

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

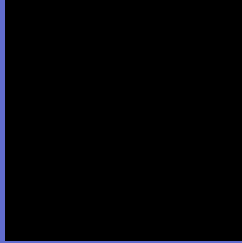
Any Text WCAG AA ✓ Pass

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 616CCE Background



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

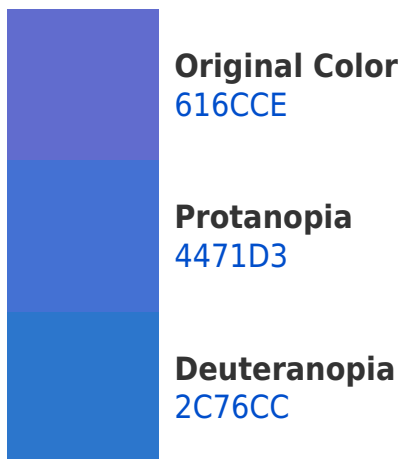



This preview shows how white text looks on a background with the Hex color 616CCE.

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](#).

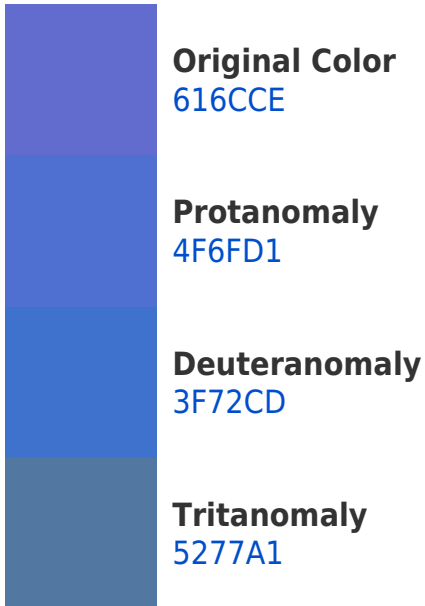
Dichromacy



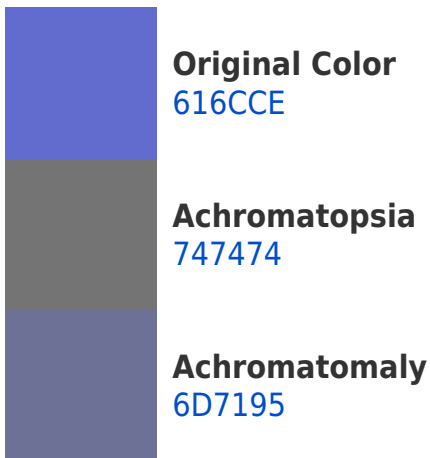


Tritanopia
497D87

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #616CCE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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