

Converting Colors

Hex(616BD6)

Have a look what the booklet for
Hex(616BD6) contains.

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Color

Hex(616BD6)

Conversions

Conversions Part 1

Format	Color
Hex	616BD6
RGB	97, 107, 214
RGB Percent	38%, 42%, 84%
CMY	0.6196, 0.5804, 0.1608
CMYK	0.55, 0.50, 0.00, 0.16
HSL	235°, 59%, 61%
HSV	235°, 55%, 84%
XYZ	22.3251, 17.9118, 65.8990
YIQ	116.2080, -40.3070, 31.1570

Conversions

Conversions Part 2

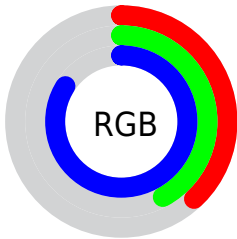
Format	Color
R_{YB}	97, 106, 214
Decimal	6384598
CIE _{Lab}	49.39, 26.65, -56.44
CIE _{LCh}	49, 62.412, 295.278
Yxy	17.9118, 0.2103, 0.1688
Android (android.graphics.Color)	4284574678 (0xFF616BD6)
YUV	116.2080, 48.2115, -16.8454
Hunter-Lab	42.3224, 20.0947, -62.6932

Details

The Hex color **616BD6** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **D6CC61**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **9B9EFF**, and **1E3C9E** is the 20% darker color. If you saturate the color by 10%, you get **4C57D6**, and if you desaturate by 10%, it is **767FD6**.

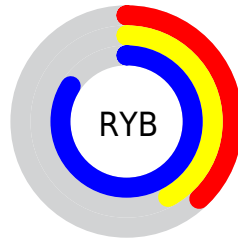
Distribution



Red (38%)

Green (42%)

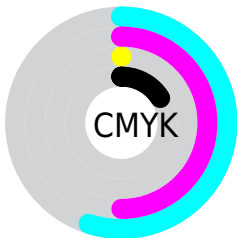
Blue (84%)



Red (38%)

Yellow (42%)

Blue (84%)

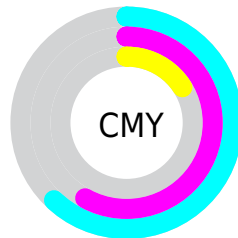


Cyan (55%)

Magenta (50%)

Yellow (0%)

Black (16%)



Cyan (62%)

Magenta (58%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 616BD6 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 616BD6 by changing the saturation by 10% instead.

■ 616BD6

■ 616BD6

FFFFFF

■ 4253BA

■ 9B9EFF

■ 1E3C9E

■ B8B9FF

■ 002784

■ D6D5FF

■ 00146A

■ F4F1FF

■ 000051

■ 000539

■ 000222

■ 000009

■ 000000

■ 616BD6

■ 616BD6

■ 4C57D6

■ 767FD6

■ 3644D6

■ 8C92D6

■ 2130D6

■ A1A6D6

■ 0B1DD6

■ B7B9D6

■ 0012D6

■ CCCDD6

■ E1E0D6

■ F7F4D6

■ FFFFD6

Harmonies

Analogous

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



007EE0



616BD6



AC51B3

Triad

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



616BD6



BB5A1A



008D6B

Complementary

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



616BD6



D6CC61

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.



008934



616BD6



947000

Square

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



616BD6



D1424C



628000



008DA1

Rectangle

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



616BD6



C64192



628000



008C59

Sweetspot

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



616BD6



D6DAFF



61D6CA



676980



000000



808080

Same Dimension

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



616BD6



5765FF



9061D6



60616B



000FAB



00042B

Inverse Universe

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



D6616B



FF5765



A7D661



6B6061



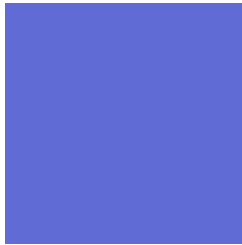
AB000F



2B0004

Previews

White Background



This preview shows how the Hex color 616BD6 looks on a white background.

Color Contrast Check

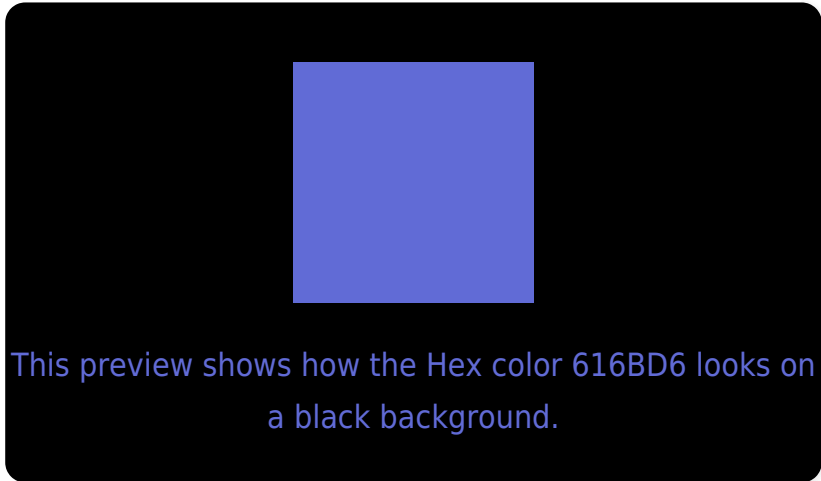
Large Text (above 18pt) WCAG AA ✓ Pass

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

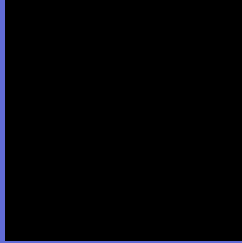
Any Text WCAG AA ✓ Pass

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 616BD6 Background



This preview shows how black text looks on a background with the Hex color 616BD6.

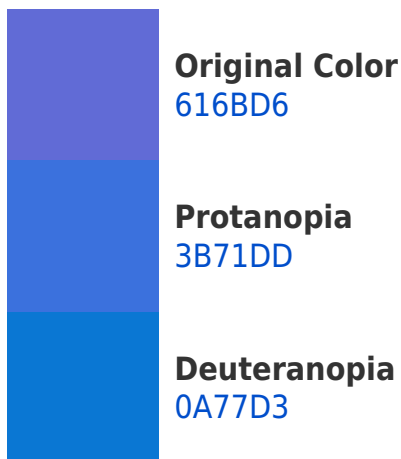


This preview shows how white text looks on a background with the Hex color 616BD6.

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](#).

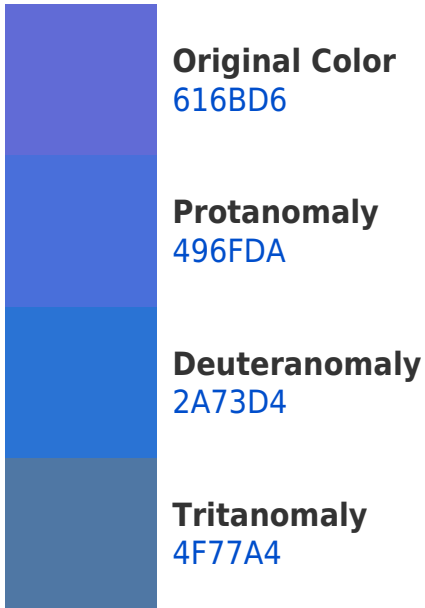
Dichromacy



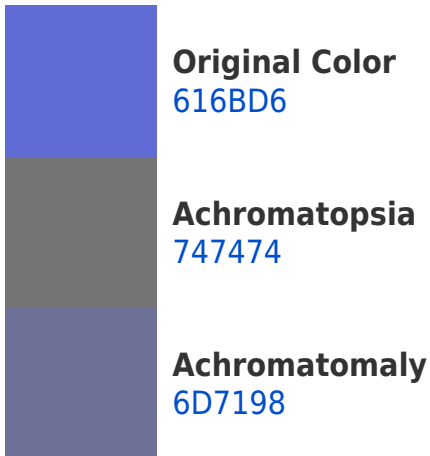


Tritanopia
457E88

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 616BD6 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 #616BD6 looks like.

```
.text, #text, p{  
    color:#616BD6  
}
```

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 #616BD6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #616BD6  
}
```

Border

The CSS property to change the border of an element to Hex 616BD6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

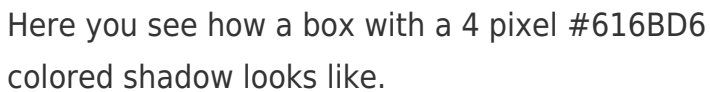
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#616BD6 }
```

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

```
.border{ border-color:#616BD6 }
```

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



Here you see how a box with a 4 pixel #616BD6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #616BD6; -webkit-box-shadow:4px 4px  
4px 4px #616BD6; box-shadow:4px 4px 4px  
4px #616BD6 }
```

Background

The CSS property to change the background color of an element to Hex 616BD6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#616BD6 }
```

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

```
.background{ background-color:#616BD6 }
```

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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