

Converting Colors

Hex(316CD0)

Have a look what the booklet for
Hex(316CD0) contains.

Hex(316CD0)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(316CD0)

Conversions

Conversions Part 1

Format	Color
Hex	316CD0
RGB	49, 108, 208
RGB Percent	19%, 42%, 82%
CMY	0.8078, 0.5765, 0.1843
CMYK	0.76, 0.48, 0.00, 0.18
HSL	218°, 63%, 50%
HSV	218°, 76%, 82%
XYZ	18.0144, 15.9322, 61.8003
YIQ	101.7590, -67.2640, 18.5920

Conversions

Conversions Part 2

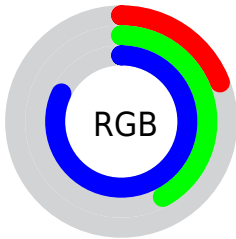
Format	Color
R_{YB}	49, 92, 208
Decimal	3239120
CIE _{Lab}	46.89, 16.15, -57.17
CIE _{LCh}	47, 59.407, 285.775
Yxy	15.9322, 0.1881, 0.1664
Android (android.graphics.Color)	4281429200 (0xFF316CD0)
YUV	101.7590, 52.3768, -46.2696
Hunter-Lab	39.9151, 10.7086, -63.8577

Details

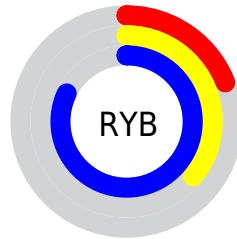
The Hex color **316CD0** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted azure. A complement of this color would be **D09531**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **759FFF**, and **003E99** is the 20% darker color. If you saturate the color by 10%, you get **1C5FD0**, and if you desaturate by 10%, it is **4679D0**.

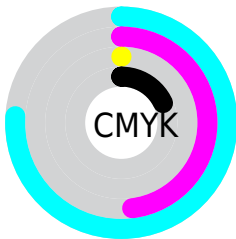
Distribution



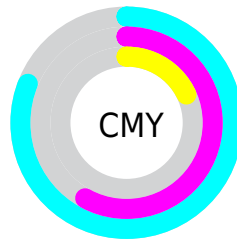
- Red (19%)
- Green (42%)
- Blue (82%)



- Red (19%)
- Yellow (36%)
- Blue (82%)



- Cyan (76%)
- Magenta (48%)
- Yellow (0%)
- Black (18%)




- Cyan (81%)
- Magenta (58%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 316CD0 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 316CD0 by changing the saturation by 10% instead.


 316CD0

 316CD0

FFFFFF

 0054B4

 759FFF

 003E99

 94BAFF

 00297E

 B2D5FF

 001665

 D0F1FF

 00074C


 EEEFFF

 000434

 00021E

 000000

 316CD0

 316CD0

■ 1C5FD0

■ 4679D0

■ 0752D0

■ 5B86D0

■ 004DD0

■ 6F93D0

■ 84A0D0

■ 99ADD0

■ AEBAD0

■ C3C8D0

■ D7D5D0

■ ECE2D0

Harmonies

Analogous

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



007CD0



316CD0



9255B5

Triad

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



316CD0



B94E28



008455

Complementary

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



316CD0



D09531

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.



2F7F22



316CD0



996400

Square

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



316CD0



C73A57



6D7500



008689

Rectangle

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



316CD0



B24499



6D7500



008344

Sweetspot

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



316CD0



C4DAFF



31D093



5C6980



000000



808080

Same Dimension

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



316CD0



146BFF



4431D0



5E6269



003EA8



000F29

Inverse Universe

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



D0316C



FF146B



BDD031



695E62



A8003E



29000F

Previews

White Background



This preview shows how the Hex color 316CD0 looks on a white background.

Color Contrast Check

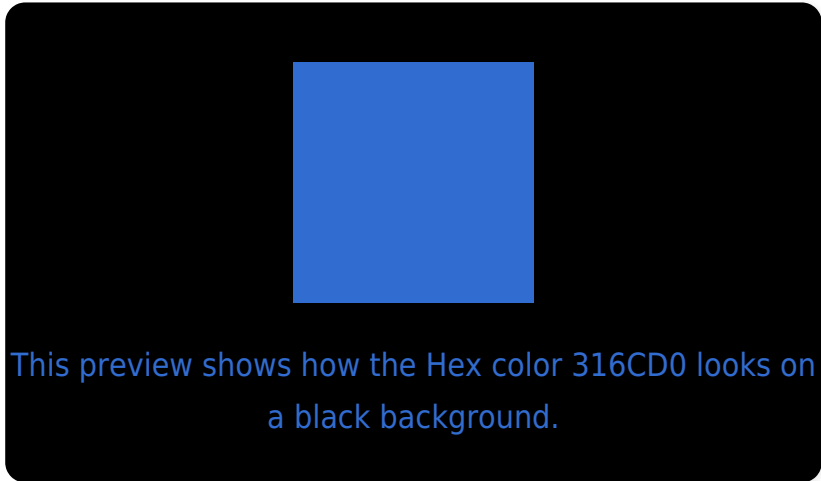
Large Text (above 18pt) WCAG AA ✓ Pass

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

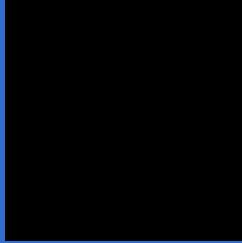
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 316CD0 Background



This preview shows how black text looks on a background with the Hex color 316CD0.



This preview shows how white text looks on a background with the Hex color 316CD0.

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](#).

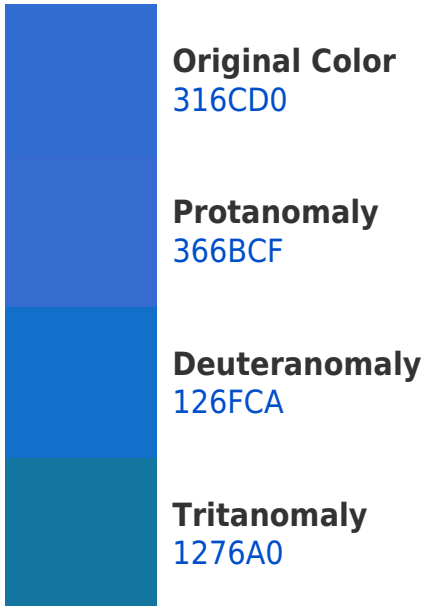
Dichromacy





Tritanopia
007B84

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 316CD0 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 #316CD0 looks like.

```
.text, #text, p{  
    color:#316CD0  
}
```

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 #316CD0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #316CD0  
}
```

Border

The CSS property to change the border of an element to Hex 316CD0 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  
#316CD0 }
```

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

```
.border{ border-color:#316CD0 }
```

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

Here you see how a box with a 4 pixel #316CD0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #316CD0; -webkit-box-shadow:4px 4px  
4px 4px #316CD0; box-shadow:4px 4px 4px  
4px #316CD0 }
```

Background

The CSS property to change the background color of an element to Hex 316CD0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#316CD0 }
```

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

```
.background{ background-color:#316CD0 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor