

Converting Colors

Hex(316CBA)

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

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Color

Hex(316CBA)

Conversions

Conversions Part 1

Format	Color
Hex	316CBA
RGB	49, 108, 186
RGB Percent	19%, 42%, 73%
CMY	0.8078, 0.5765, 0.2706
CMYK	0.74, 0.42, 0.00, 0.27
HSL	214°, 58%, 46%
HSV	214°, 74%, 73%
XYZ	15.4921, 14.9233, 48.5183
YIQ	99.2510, -60.2020, 11.7500

Conversions

Conversions Part 2

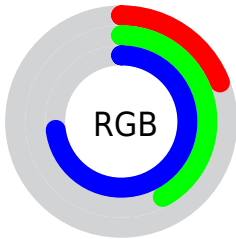
Format	Color
R_{YB}	49, 90, 186
Decimal	3239098
CIE _{Lab}	45.53, 7.91, -46.68
CIE _{LCh}	46, 47.343, 279.623
Yxy	14.9233, 0.1963, 0.1891
Android (android.graphics.Color)	4281429178 (0xFF316CBA)
YUV	99.2510, 42.7673, -44.0701
Hunter-Lab	38.6306, 3.9805, -47.4241

Details

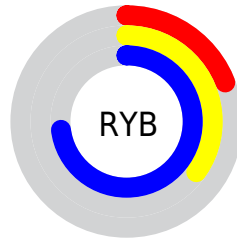
The Hex color **316CBA** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **BA7F31**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **719FF3**, and **003D84** is the 20% darker color. If you saturate the color by 10%, you get **1E61BA**, and if you desaturate by 10%, it is **4477BA**.

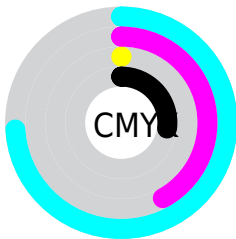
Distribution



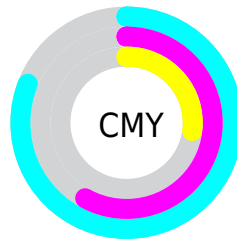
- Red (19%)
- Green (42%)
- Blue (73%)



- Red (19%)
- Yellow (35%)
- Blue (73%)



- Cyan (74%)
- Magenta (42%)
- Yellow (0%)
- Black (27%)



- Cyan (81%)
- Magenta (58%)
- Yellow (27%)

Brightness & Saturation Gradients

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

■ 316CBA

■ 316CBA

FFFFFF

■ 00549F

■ 719FF3

■ 003D84

■ 8EBAFF

■ 00286A

■ ABD5FF

■ 001552

■ C9F2FF

■ 00053A

■ E7FFFF

■ 000224

■ 00000B

■ 000000

■ 316CBA

■ 316CBA

■ 1E61BA

■ 4477BA

■ 0C57BA

■ 5681BA

■ 0050BA

■ 698CBA

■ 7B96BA

■ 8EA1BA

■ A1ACBA

■ B3B6BA

■ C6C1BA

■ D8CBBA

Harmonies

Analogous

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



0077B6



316CBA



7E5CA9

Triad

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



316CBA



AD503B



007D4F

Complementary

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



316CBA



BA7F31

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.



4A782A



316CBA



96601E

Square

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



316CBA



B44661



746E14



007F78

Rectangle

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



316CBA



9B5094



746E14



1C7C42

Sweetspot

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



316CBA



BDD4F2



31BA7F



5B687A



FAFAFA



7A7A7A

Same Dimension

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



316CBA



1D79F2



3A31BA



53575C



00439C



000C1C

Inverse Universe

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



BA316C



F21D79



B1BA31



5C5357



9C0043



1C000C

Previews

White Background



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

Color Contrast Check

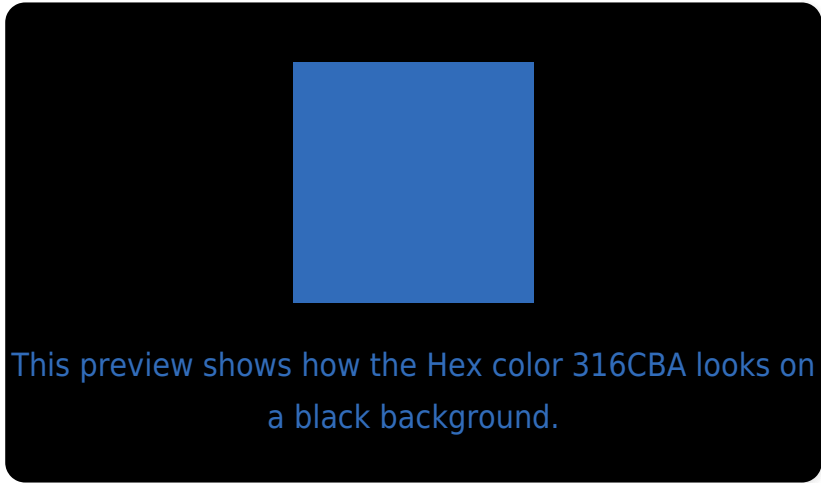
Large Text (above 18pt) WCAG AA ✓ Pass

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 316CBA Background



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

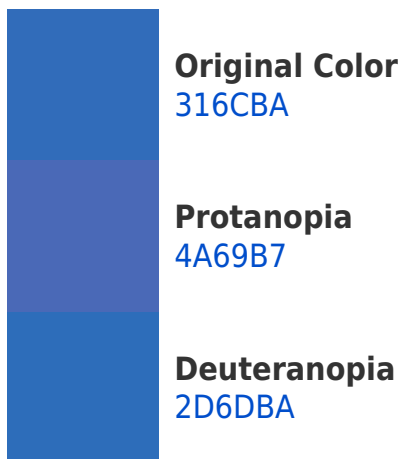


This preview shows how white text looks on a background with the Hex color 316CBA.

Color Blindness Simulation

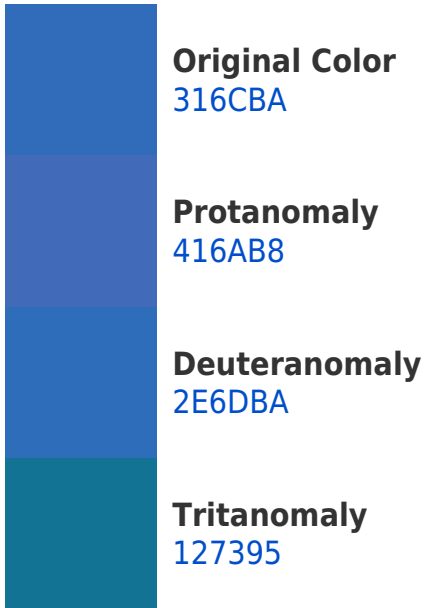
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

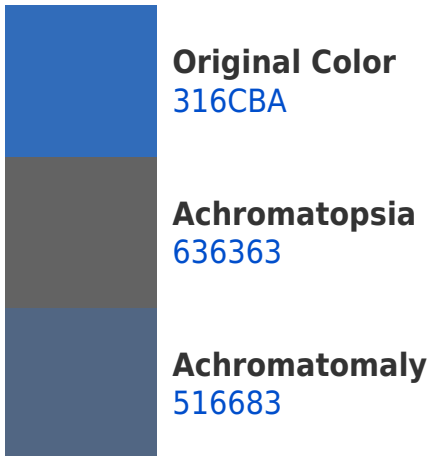




Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #316CBA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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