

Converting Colors

Hex(316ECB)

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

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Color

Hex(316ECB)

Conversions

Conversions Part 1

Format	Color
Hex	316ECB
RGB	49, 110, 203
RGB Percent	19%, 43%, 80%
CMY	0.8078, 0.5686, 0.2039
CMYK	0.76, 0.46, 0.00, 0.20
HSL	216°, 61%, 49%
HSV	216°, 76%, 80%
XYZ	17.6220, 16.1166, 58.6820
YIQ	102.3630, -66.2090, 15.9910

Conversions

Conversions Part 2

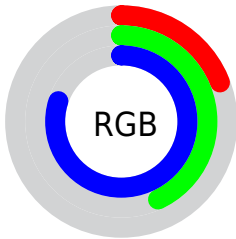
Format	Color
R_{YB}	49, 93, 203
Decimal	3239627
CIE _{Lab}	47.13, 13.01, -53.92
CIE _{LCh}	47, 55.466, 283.564
Yxy	16.1166, 0.1907, 0.1744
Android (android.graphics.Color)	4281429707 (0xFF316ECB)
YUV	102.3630, 49.6140, -46.7994
Hunter-Lab	40.1455, 8.0987, -58.5642

Details

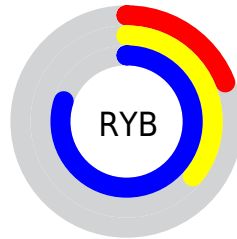
The Hex color **316ECB** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark muted azure. A complement of this color would be **CB8E31**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **74A1FF**, and **003F94** is the 20% darker color. If you saturate the color by 10%, you get **1D62CB**, and if you desaturate by 10%, it is **457ACB**.

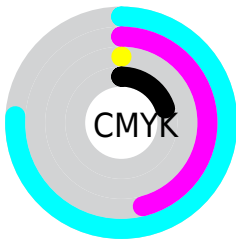
Distribution



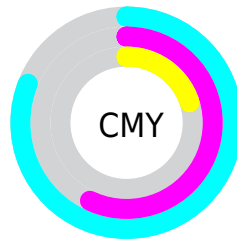
- Red (19%)
- Green (43%)
- Blue (80%)



- Red (19%)
- Yellow (36%)
- Blue (80%)



- Cyan (76%)
- Magenta (46%)
- Yellow (0%)
- Black (20%)





- Cyan (81%)
- Magenta (57%)
- Yellow (20%)

Brightness & Saturation Gradients

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

 316ECB

 316ECB

FFFFFF

 0056AF

 74A1FF

 003F94

 92BCFF

 002A7A

 B0D7FF

 001860

 CEF4FF


 000848


 ECFFFF

 000430

 00011B

 000000

 316ECB

 316ECB

■ 1D62CB

■ 457ACB

■ 0855CB

■ 5A87CB

■ 0050CB

■ 6E93CB

■ 829FCB

■ 97ABCB

■ ABB8CB

■ BFC4CB

■ D3D0CB

■ E8DCCB

Harmonies

Analogous

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



007CC9



316ECB



8C59B4

Triad

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



316ECB



B85031



008454

Complementary

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



316ECB



CB8E31

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.



3C7E26



316ECB



9B6407

Square

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



316ECB



C3405D



727400



008584

Rectangle

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



316ECB



AC4B9A



727400



008244

Sweetspot

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



316ECB



C4DCFF



31CB8D



5C6A80



000000



808080

Same Dimension

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



316ECB



1773FF



4031CB



5C6066



0042A6



000F26

Inverse Universe

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



CB316E



FF1773



BCCB31



665C60



A60042



26000F

Previews

White Background



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

Color Contrast Check

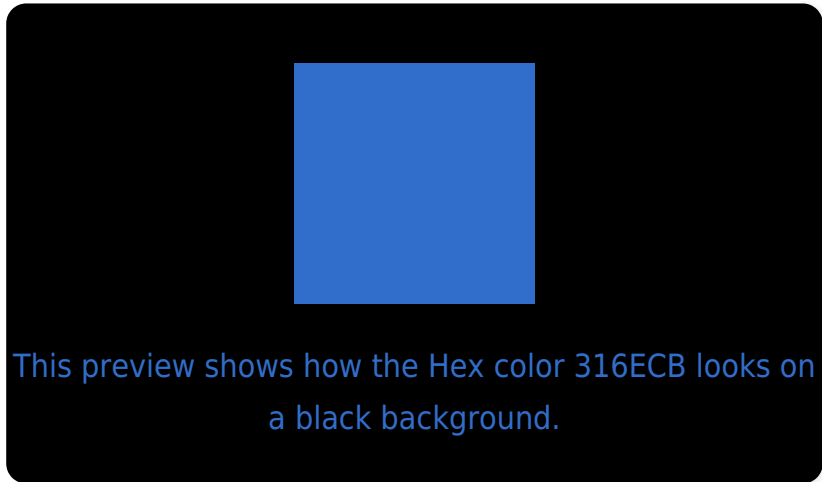
Large Text (above 18pt) WCAG AA ✓ Pass

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

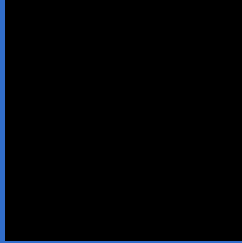
Any Text WCAG AA × Fail

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 316ECB Background



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

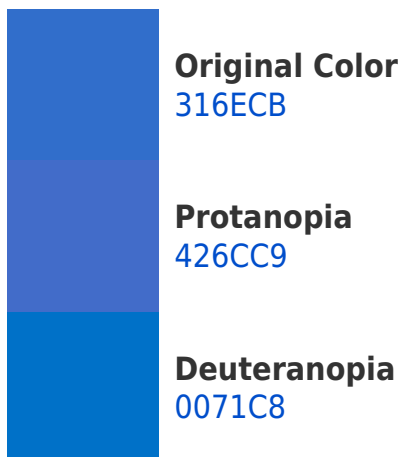


This preview shows how white text looks on a background with the Hex color 316ECB.

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](#).

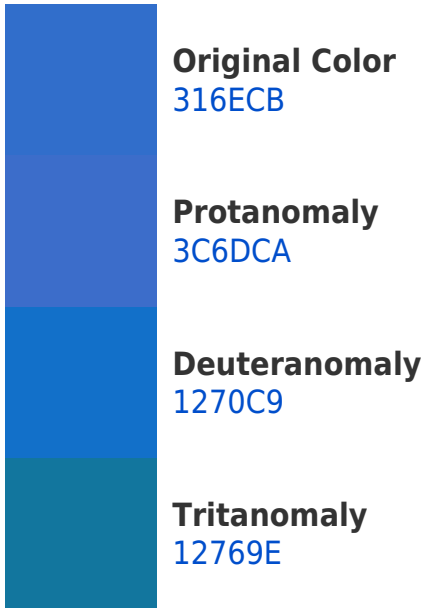
Dichromacy





Tritanopia
007B85

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #316ECB colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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