

# Converting Colors

Hex(316FBA)

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

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# Color

**Hex(316FBA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	316FBA
RGB	49, 111, 186
RGB Percent	19%, 44%, 73%
CMY	0.8078, 0.5647, 0.2706
CMYK	0.74, 0.40, 0.00, 0.27
HSL	213°, 58%, 46%
HSV	213°, 74%, 73%
XYZ	15.8140, 15.5670, 48.6256
YIQ	101.0120, -61.0270, 10.1810

# Conversions

## Conversions Part 2

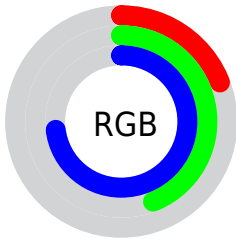
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	49, 92, 186
Decimal	3239866
CIE <sub>Lab</sub>	46.40, 6.03, -45.28
CIE <sub>LCh</sub>	46, 45.685, 277.588
Yxy	15.5670, 0.1977, 0.1946
Android (android.graphics.Color)	4281429946 (0xFF316FBA)
YUV	101.0120, 41.8991, -45.6145
Hunter-Lab	39.4551, 2.4983, -45.4523

# Details

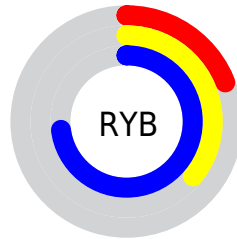
The Hex color **316FBA** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **BA7C31**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **71A2F3**, and **004084** is the 20% darker color. If you saturate the color by 10%, you get **1E65BA**, and if you desaturate by 10%, it is **4479BA**.

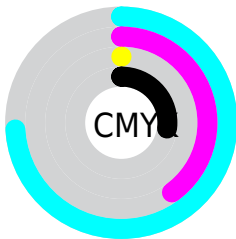
# Distribution



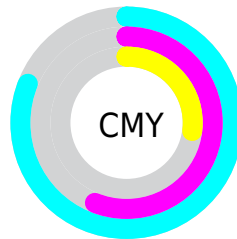
- Red (19%)
- Green (44%)
- Blue (73%)



- Red (19%)
- Yellow (36%)
- Blue (73%)



- Cyan (74%)
- Magenta (40%)
- Yellow (0%)
- Black (27%)



- Cyan (81%)
- Magenta (56%)
- Yellow (27%)

# Brightness & Saturation Gradients

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



■ 316FBA

■ 316FBA

FFFFFF

■ 00579F

■ 71A2F3

■ 004084

■ 8EBDFF

■ 002B6B

■ ABD9FF

■ 001752

■ C9F5FF

■ 00063A

■ E7FFFF

■ 000224

■ 00000B

■ 000000

■ 316FBA

■ 316FBA

■ 1E65BA

■ 4479BA

■ 0C5BBA

■ 5683BA

■ 0054BA

■ 698EBA

■ 7B98BA

■ 8EA2BA

■ A1ACBA

■ B3B6BA

■ C6C0BA

■ D8CBBA

# Harmonies

## Analogous

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



007AB4



316FBA



7D60AB

# Triad

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



316FBA



AF5341



007E4F

# Complementary

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



316FBA



BA7C31

# 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.



51792D



316FBA



996125

# Square

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



316FBA



B44A66



796F1B



008177

# Rectangle

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



316FBA



9A5598



796F1B



2A7D43



# Sweetspot

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



316FBA



BDD5F2



31BA7A



5B697A



FAFAFA



7A7A7A



# Same Dimension

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



316FBA



1D7EF2



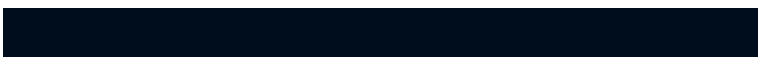
3631BA



53575C



00469C



000D1C



# Inverse Universe

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



BA316F



F21D7E



B5BA31



5C5357



9C0046



1C000D



# Previews

## White Background



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

## Color Contrast Check

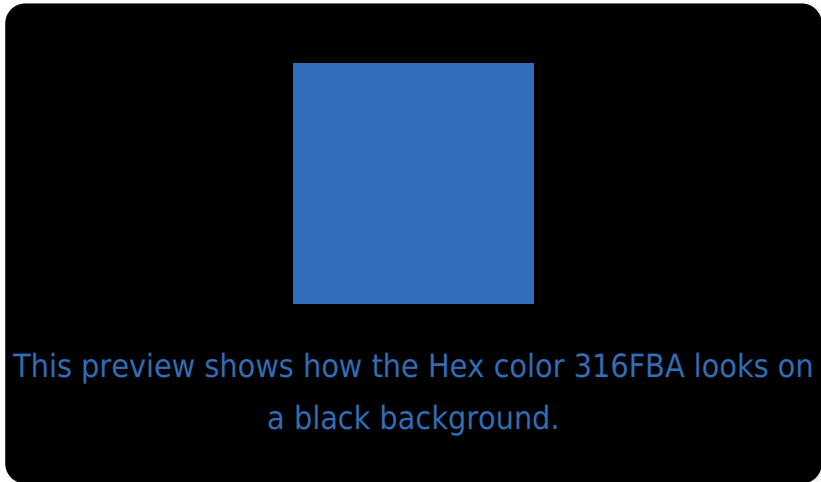
Large Text (above 18pt) WCAG AA ✓ Pass

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

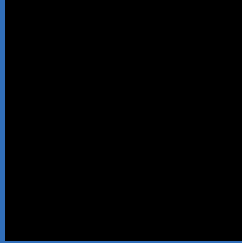
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 316FBA Background



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

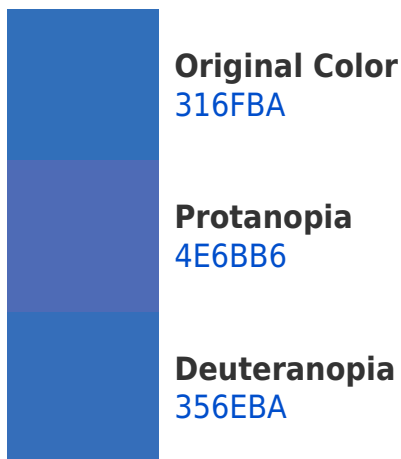


This preview shows how white text looks on a background with the Hex color 316FBA.

# 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](#).

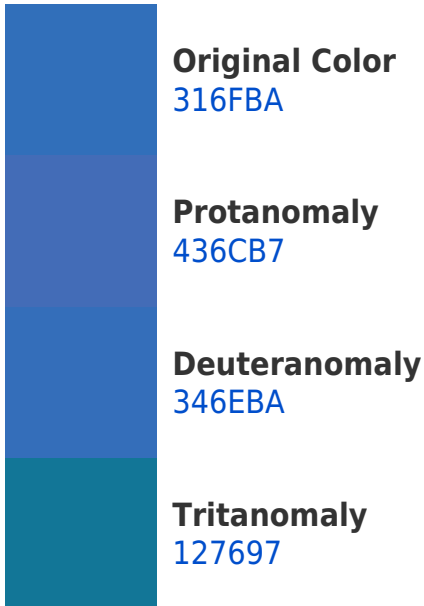
## Dichromacy





**Tritanopia**  
007A83

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #316FBA colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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