

Converting Colors

Hex(315FB9)

Have a look what the booklet for
Hex(315FB9) contains.

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Color

Hex(315FB9)

Conversions

Conversions Part 1

Format	Color
Hex	315FB9
RGB	49, 95, 185
RGB Percent	19%, 37%, 73%
CMY	0.8078, 0.6275, 0.2745
CMYK	0.74, 0.49, 0.00, 0.27
HSL	220°, 58%, 46%
HSV	220°, 74%, 73%
XYZ	14.1158, 12.3402, 47.5368
YIQ	91.5060, -56.3060, 18.2380

Conversions

Conversions Part 2

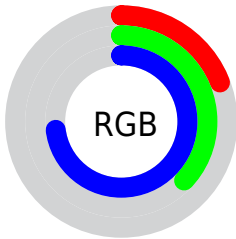
Format	Color
R _Y B	49, 83, 185
Decimal	3235769
CIE Lab	41.75, 15.85, -52.15
CIE LCh	42, 54.508, 286.910
Yxy	12.3402, 0.1908, 0.1668
Android (android.graphics.Color)	4281425849 (0xFF315FB9)
YUV	91.5060, 46.0925, -37.2778
Hunter-Lab	35.1286, 10.2520, -55.6427

Details

The Hex color **315FB9** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **B98B31**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **7191F2**, and **003283** is the 20% darker color. If you saturate the color by 10%, you get **1E53B9**, and if you desaturate by 10%, it is **436BB9**.

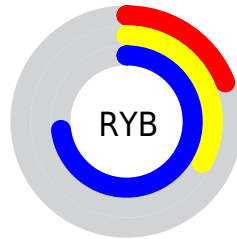
Distribution



Red (19%)

Green (37%)

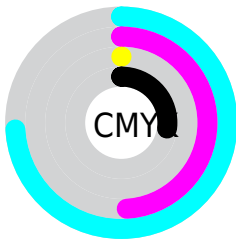
Blue (73%)



Red (19%)

Yellow (33%)

Blue (73%)

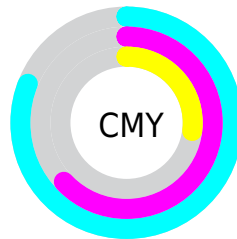


Cyan (74%)

Magenta (49%)

Yellow (0%)

Black (27%)



Cyan (81%)

Magenta (63%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 315FB9 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 315FB9 by changing the saturation by 10% instead.

■ 315FB9

■ 315FB9

FFFFFF

■ 00489E

■ 7191F2

■ 003283

■ 8EABFF

■ 001E69

■ ABC6FF

■ 000451

■ C9E2FF

■ 000539

■ E7FFFF

■ 000222

■ 000008

■ 000000

■ 315FB9

■ 315FB9

■ 1E53B9

■ 436BB9

■ 0C47B9

■ 5677B9

■ 003FB9

■ 6984B9

■ 7B90B9

■ 8D9CB9

■ A0A8B9

■ B3B5B9

■ C5C1B9

■ D7CDB9

Harmonies

Analogous

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



006DBA



315FB9



844AA0

Triad

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



315FB9



A44521



00764D

Complementary

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



315FB9



B98B31

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.



26711F



315FB9



875900

Square

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



315FB9



B2334B



5F6800



00777B

Rectangle

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



315FB9



A03B87



5F6800



00753D

Sweetspot

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



315FB9



BBCDF0



31B989



596378



F7F7F7



787878

Same Dimension

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



315FB9



1D64F0



4531B9



53565C



00359C



00091C

Inverse Universe

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



B9315F



F01D64



A5B931



5C5356



9C0035



1C0009

Previews

White Background



This preview shows how the Hex color 315FB9 looks on a white background.

Color Contrast Check

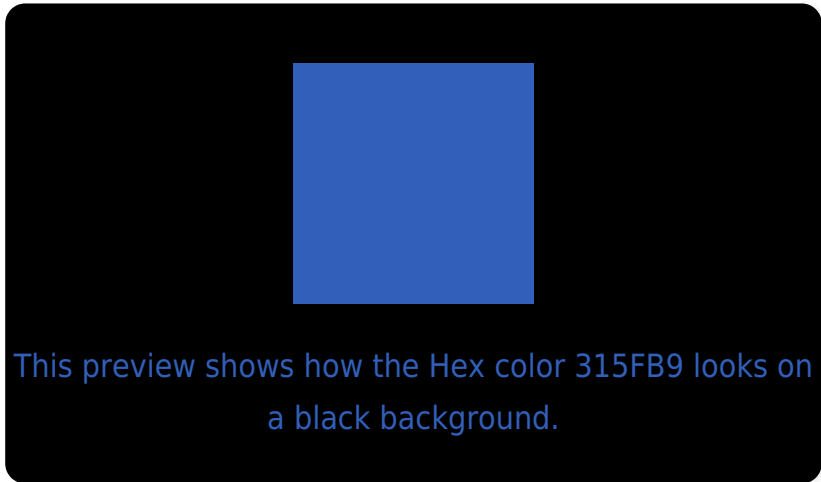
Large Text (above 18pt) WCAG AA ✓ Pass

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

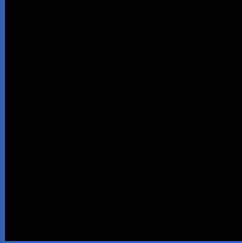
Any Text WCAG AA × Fail

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 315FB9 Background



This preview shows how black text looks on a background with the Hex color 315FB9.



This preview shows how white text looks on a background with the Hex color 315FB9.

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](#).

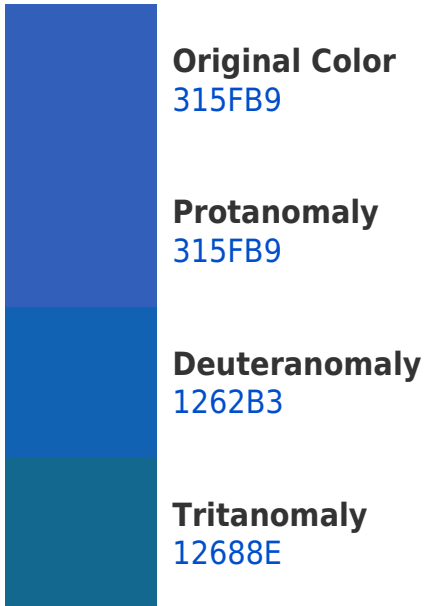
Dichromacy



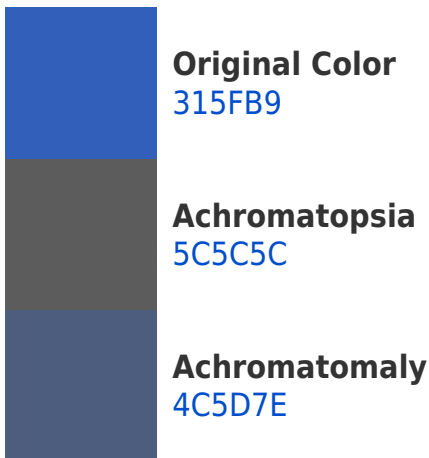


Tritanopia
006D75

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 315FB9 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 #315FB9 looks like.

```
.text, #text, p{  
    color:#315FB9  
}
```

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 #315FB9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #315FB9
}
```

Border

The CSS property to change the border of an element to Hex 315FB9 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
#315FB9 }
```

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

```
.border{ border-color:#315FB9 }
```

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

Here you see how a box with a 4 pixel #315FB9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #315FB9; -webkit-box-shadow:4px 4px  
4px 4px #315FB9; box-shadow:4px 4px 4px  
4px #315FB9 }
```

Background

The CSS property to change the background color of an element to Hex 315FB9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#315FB9 }
```

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

```
.background{ background-color:#315FB9 }
```

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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