

Converting Colors

Hex(315ACE)

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

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Color

Hex(315ACE)

Conversions

Conversions Part 1

Format	Color
Hex	315ACE
RGB	49, 90, 206
RGB Percent	19%, 35%, 81%
CMY	0.8078, 0.6471, 0.1922
CMYK	0.76, 0.56, 0.00, 0.19
HSL	224°, 62%, 50%
HSV	224°, 76%, 81%
XYZ	16.0634, 12.4215, 59.9435
YIQ	90.9650, -61.6720, 27.3840

Conversions

Conversions Part 2

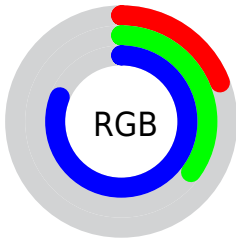
Format	Color
R _Y B	49, 82, 206
Decimal	3234510
CIE Lab	41.88, 26.97, -64.13
CIE LCh	42, 69.566, 292.807
Yxy	12.4215, 0.1817, 0.1405
Android (android.graphics.Color)	4281424590 (0xFF315ACE)
YUV	90.9650, 56.7123, -36.8033
Hunter-Lab	35.2442, 19.6782, -76.1698




Details

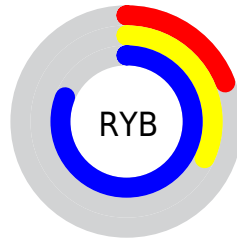
The Hex color **315ACE** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted blue. A complement of this color would be **CEA531**, and the grayscale version is **5A5A5A**.




A 20% lighter version of the original color is **768CFF**, and **002E97** is the 20% darker color. If you saturate the color by 10%, you get **1C4BCE**, and if you desaturate by 10%, it is **4669CE**.

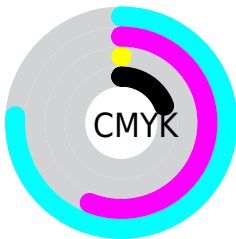
Distribution







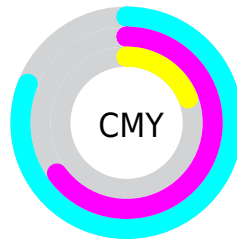
-  Red (19%)
-  Green (35%)
-  Blue (81%)






-  Red (19%)
-  Yellow (32%)
-  Blue (81%)



-  Cyan (76%)
-  Magenta (56%)
-  Yellow (0%)
-  Black (19%)





-  Cyan (81%)
-  Magenta (65%)
-  Yellow (19%)

Brightness & Saturation Gradients

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

 315ACE

 315ACE

FFFFFF

 0043B2

 768CFF

 002E97

 94A6FF

 001A7C

 B2C1FF

 000162

 D1DDFF


 000949


 EFF9FF

 000432

 00021C

 000000

 315ACE

 315ACE

■ 1C4BCE

■ 4669CE

■ 083CCE

■ 5A78CE

■ 0036CE

■ 6F88CE

■ 8397CE

■ 98A6CE

■ ADB5CE

■ C1C5CE

■ D6D4CE

■ EAE3CE

Harmonies

Analogous

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



006ED6



315ACE



9839A9

Triad

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



315ACE



AC4000



007A53

Complementary

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



315ACE



CEA531

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.



007611



315ACE



845C00

Square

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



315ACE



C3163B



4F6D00



007B8E

Rectangle

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



315ACE



B61A86



4F6D00



00793E

Sweetspot

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



315ACE



C4D4FF



31CEA4



5C6580



000000



808080

Same Dimension

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



315ACE



1754FF



5631CE



5C5E66



002BA6



000A26

Inverse Universe

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



CE315A



FF1754



A9CE31



665C5E



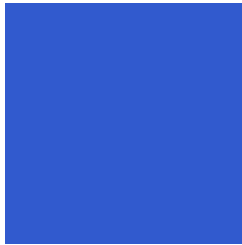
A6002B



26000A

Previews

White Background



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

Color Contrast Check

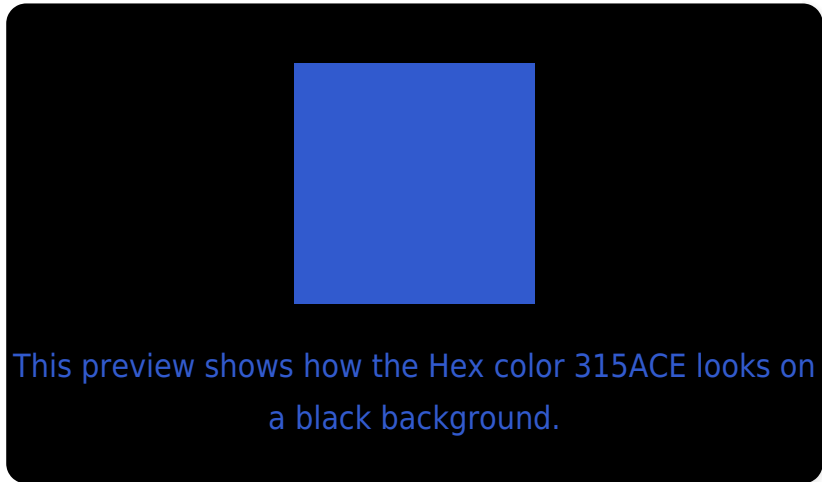
Large Text (above 18pt) WCAG AA ✓ Pass

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

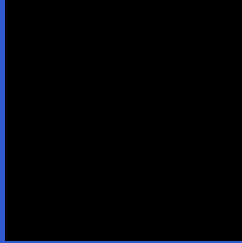
Any Text WCAG AA × Fail

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 315ACE Background



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

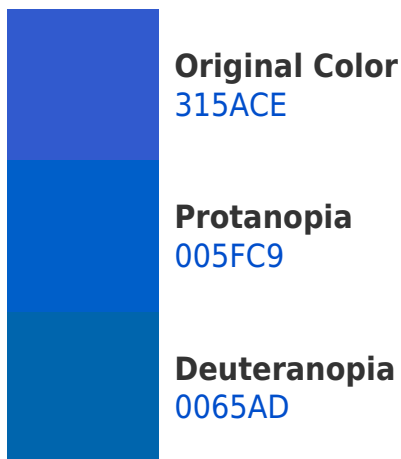


This preview shows how white text looks on a background with the Hex color 315ACE.

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](#).

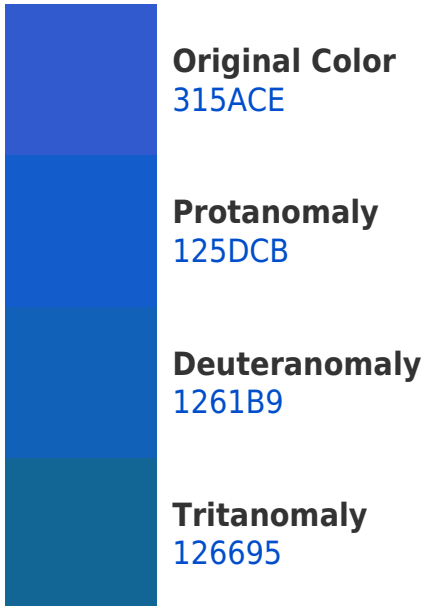
Dichromacy



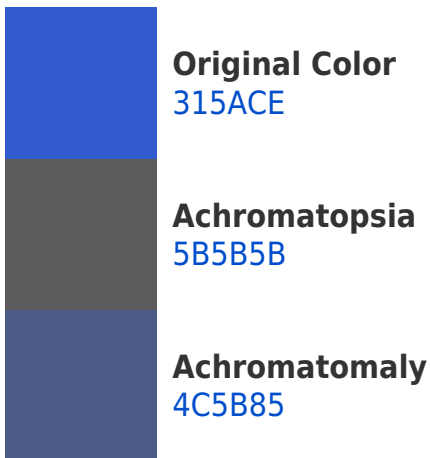


Tritanopia
006D75

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #315ACE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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