

# Converting Colors

Hex(A315FF)

Have a look what the booklet for  
Hex(A315FF) contains.

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**Color**

**Hex(A315FF)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A315FF
RGB	163, 21, 255
RGB Percent	64%, 8%, 100%
CMY	0.3608, 0.9176, 0.0000
CMYK	0.36, 0.92, 0.00, 0.00
HSL	276°, 100%, 54%
HSV	276°, 92%, 100%
XYZ	33.4224, 15.5429, 95.8463
YIQ	90.1340, 9.5180, 102.8780

# Conversions

## Conversions Part 2

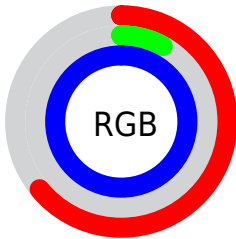
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	163, 21, 255
Decimal	10687999
CIE Lab	46.37, 84.08, -84.14
CIE LCh	46, 118.954, 314.979
Yxy	15.5429, 0.2308, 0.1073
Android (android.graphics.Color)	4288878079 (0xFFA315FF)
YUV	90.1340, 81.2789, 63.9035
Hunter-Lab	39.4244, 82.3322, -116.5451

# Details

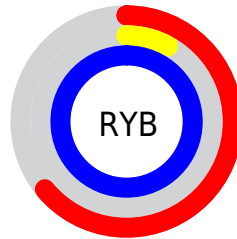
The Hex color **A315FF** is a dark color, and the websafe version is hex **9900FF**. The color can be described as middle washed purple. A complement of this color would be **71FF15**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **E15EFF**, and **6500C5** is the 20% darker color. If you saturate the color by 10%, you get **9B00FF**, and if you desaturate by 10%, it is **AD2FFF**.

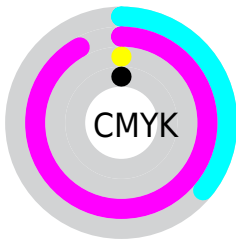
# Distribution



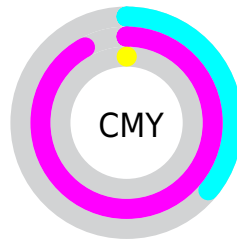
- Red (64%)
- Green (8%)
- Blue (100%)



- Red (64%)
- Yellow (8%)
- Blue (100%)



- Cyan (36%)
- Magenta (92%)
- Yellow (0%)
- Black (0%)



- Cyan (36%)
- Magenta (92%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A315FF 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 A315FF by changing the saturation by 10% instead.



 A315FF

 A315FF

FFFFFF

 8400E2

 E15EFF

 6500C5

 FF7CFF

 4300A9

 FF9AFF

 17008D

 FFB7FF

 000073

 FFD5FF

 000059

 FFF3FF

 000740

 000329

 000113

 A315FF

 A315FF

 9B00FF

 AD2FFF

 B748FF

 C162FF

 CB7BFF

 D594FF

 DFAEFF

 E9C8FF

 F3E1FF

 FDFBFF

# Harmonies

## Analogous

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



006EFF



A315FF



FC00A4

# Triad

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



A315FF



AE5600



0090A0

# Complementary

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



A315FF



71FF15

# 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.



008D34



A315FF



567900

# Square

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



A315FF



ED0000



008800



0091FD

# Rectangle

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



A315FF



FF0063



008800



008F7D



# Sweetspot

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



A315FF



E3B8FF



1573FF



6E5480



000000



808080



# Same Dimension

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



A315FF



9B00FF



FF15E8



7A7380



7400BF



270040



# Inverse Universe

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



FF1571



FF0064



15FF2C



807378



BF004B

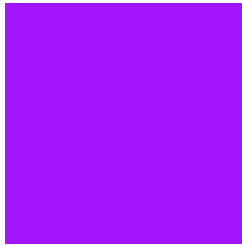


400019



# Previews

## White Background



This preview shows how the Hex color A315FF looks on a white background.

## Color Contrast Check

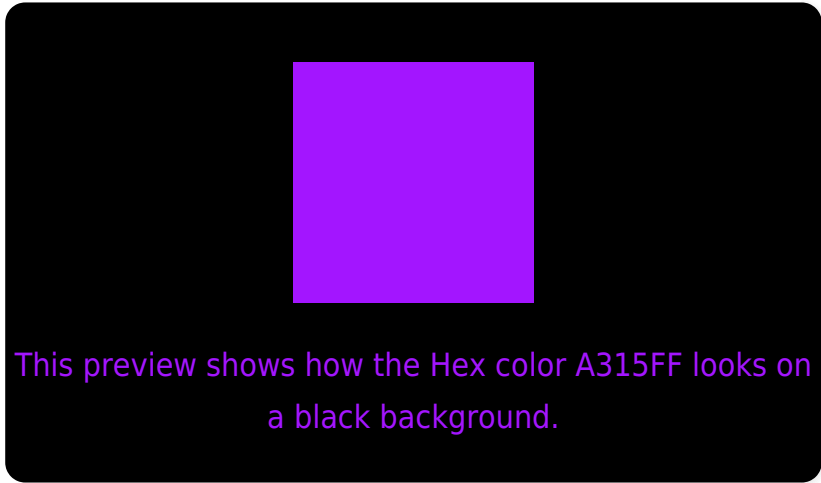
Large Text (above 18pt) WCAG AA ✓ Pass

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 A315FF Background



This preview shows how black text looks on a background with the Hex color A315FF.

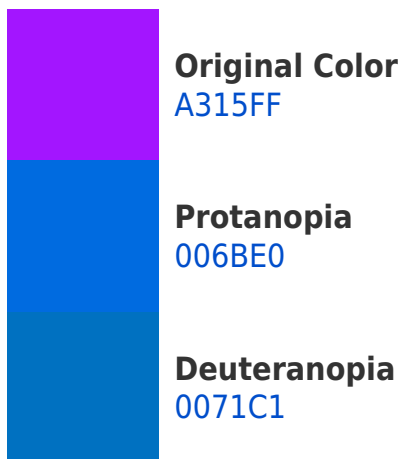



This preview shows how white text looks on a background with the Hex color A315FF.

# 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](#).

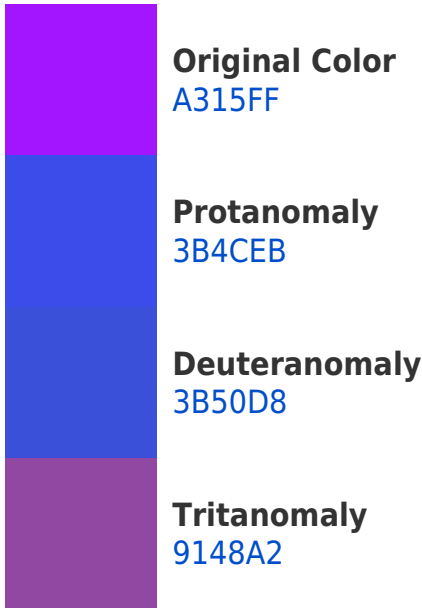
## Dichromacy



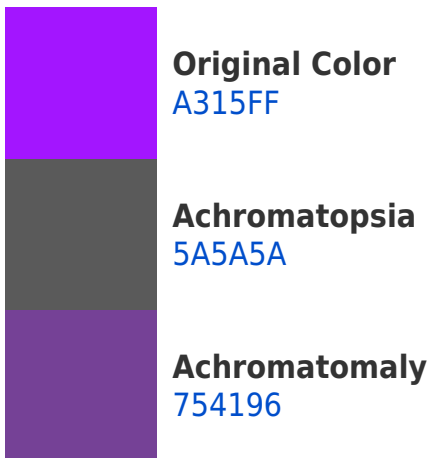


**Tritanopia**  
87656D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A315FF 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 #A315FF looks like.

```
.text, #text, p{  
    color:#A315FF  
}
```

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 #A315FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A315FF
}
```

## Border

The CSS property to change the border of an element to Hex A315FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

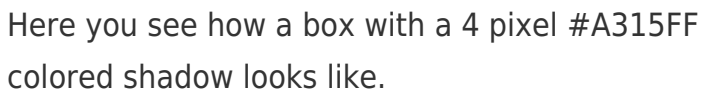
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A315FF }
```

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

```
.border{ border-color:#A315FF }
```

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



Here you see how a box with a 4 pixel `#A315FF` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A315FF; -webkit-box-shadow:4px 4px  
4px 4px #A315FF; box-shadow:4px 4px 4px  
4px #A315FF }
```

# Background

The CSS property to change the background color of an element to Hex A315FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A315FF }
```

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

```
.background{ background-color:#A315FF }
```

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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