

# Converting Colors

Hex(A314C5)

Have a look what the booklet for  
Hex(A314C5) contains.

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**Color**

**Hex(A314C5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A314C5
RGB	163, 20, 197
RGB Percent	64%, 8%, 77%
CMY	0.3608, 0.9216, 0.2275
CMYK	0.17, 0.90, 0.00, 0.23
HSL	288°, 82%, 43%
HSV	288°, 90%, 77%
XYZ	25.4325, 12.3181, 53.8605
YIQ	82.9350, 28.4110, 85.3630

# Conversions

## Conversions Part 2

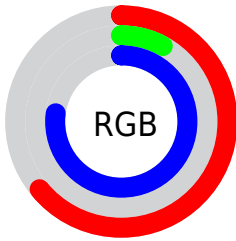
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	163, 20, 197
Decimal	10687685
CIE Lab	41.72, 73.41, -58.66
CIE LCh	42, 93.973, 321.374
Yxy	12.3181, 0.2776, 0.1345
Android (android.graphics.Color)	4288877765 (0xFFA314C5)
YUV	82.9350, 56.2340, 70.2170
Hunter-Lab	35.0971, 67.9268, -66.4193

# Details

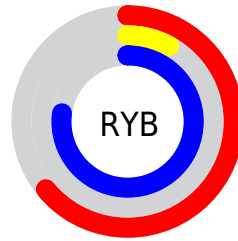
The Hex color **A314C5** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **36C514**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **DE5AFF**, and **69008E** is the 20% darker color. If you saturate the color by 10%, you get **9F00C5**, and if you desaturate by 10%, it is **A728C5**.

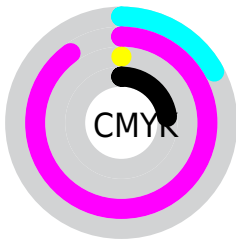
# Distribution



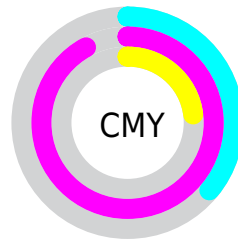
- Red (64%)
- Green (8%)
- Blue (77%)



- Red (64%)
- Yellow (8%)
- Blue (77%)



- Cyan (17%)
- Magenta (90%)
- Yellow (0%)
- Black (23%)



- Cyan (36%)
- Magenta (92%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A314C5 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 A314C5 by changing the saturation by 10% instead.



 A314C5

 A314C5

FFFFFF

 8600A9

 DE5AFF

 69008E

 FC77FF

 4D0074

 FF94FF

 32005A

 FFB1FF


 0F0042

 FFCEFF

 00032A

 FFECFF

 000115

 000000

 A314C5

 A314C5

■ 9F00C5

■ A728C5

■ AB3BC5

■ AE4FC5

■ B263C5

■ B677C5

■ BA8AC5

■ BD9EC5

■ C1B2C5

■ C5C5C5

# Harmonies

## Analogous

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



0059F6



A314C5



D9007C

# Triad

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



A314C5



8B5800



007F9A

# Complementary

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



A314C5



36C514

# 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.



007D49



A314C5



426F00

# Square

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



A314C5



C02300



007900



007EDD

# Rectangle

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



A314C5



E1004A



007900



007F7F



# Sweetspot

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



A314C5



F2BAFF



1437C5



785780



000000



808080



# Same Dimension

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



A314C5



CE00FF



C51490



625A63



8400A3



1D0024



# Inverse Universe

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



C51436



FF0031



14C549



635A5B



A3001F



240007



# Previews

## White Background



This preview shows how the Hex color A314C5 looks on a white background.

## Color Contrast Check

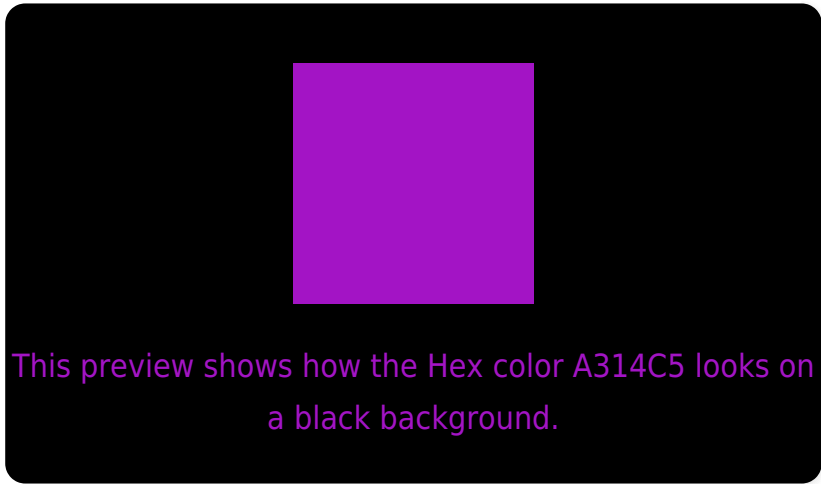
Large Text (above 18pt) WCAG AA ✓ Pass

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

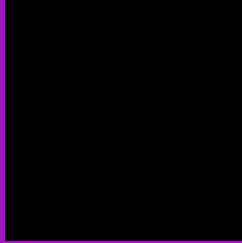
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A314C5 Background



This preview shows how black text looks on a background with the Hex color A314C5.

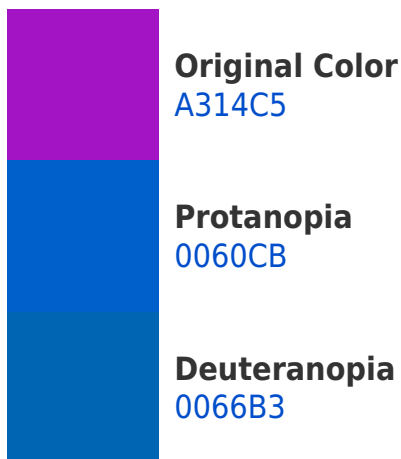



This preview shows how white text looks on a background with the Hex color A314C5.

# 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](#).

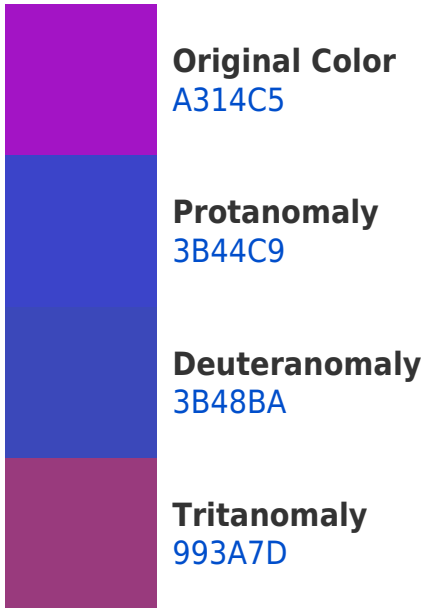
## Dichromacy





**Tritanopia**  
934F54

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A314C5 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 #A314C5 looks like.

```
.text, #text, p{  
    color:#A314C5  
}
```

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 #A314C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A314C5
}
```

## Border

The CSS property to change the border of an element to Hex A314C5 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
#A314C5 }
```

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

```
.border{ border-color:#A314C5 }
```

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

Here you see how a box with a 4 pixel #A314C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A314C5; -webkit-box-shadow:4px 4px  
4px 4px #A314C5; box-shadow:4px 4px 4px  
4px #A314C5 }
```

# Background

The CSS property to change the background color of an element to Hex A314C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A314C5 }
```

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

```
.background{ background-color:#A314C5 }
```

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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