

# Converting Colors

Hex(314FAA)

Have a look what the booklet for  
Hex(314FAA) contains.

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# Color

**Hex(314FAA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	314FAA
RGB	49, 79, 170
RGB Percent	19%, 31%, 67%
CMY	0.8078, 0.6902, 0.3333
CMYK	0.71, 0.54, 0.00, 0.33
HSL	225°, 55%, 43%
HSV	225°, 71%, 67%
XYZ	11.3183, 9.1472, 39.1993
YIQ	80.4040, -47.0910, 21.9410

# Conversions

## Conversions Part 2

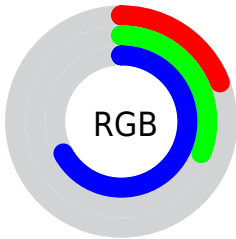
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	49, 73, 170
Decimal	3231658
CIE <sub>Lab</sub>	36.27, 20.70, -52.16
CIE <sub>LCh</sub>	36, 56.122, 291.649
Yxy	9.1472, 0.1897, 0.1533
Android (android.graphics.Color)	4281421738 (0xFF314FAA)
YUV	80.4040, 44.1708, -27.5413
Hunter-Lab	30.2444, 13.8722, -55.6738

# Details

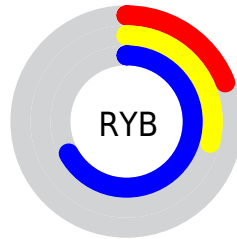
The Hex color **314FAA** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **AA8C31**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **6E80E2**, and **002475** is the 20% darker color. If you saturate the color by 10%, you get **2042AA**, and if you desaturate by 10%, it is **425CAA**.

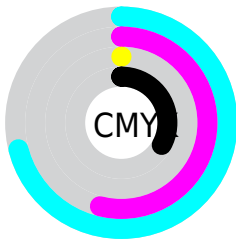
# Distribution



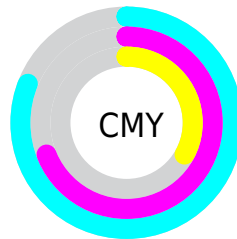
- Red (19%)
- Green (31%)
- Blue (67%)



- Red (19%)
- Yellow (29%)
- Blue (67%)



- Cyan (71%)
- Magenta (54%)
- Yellow (0%)
- Black (33%)



- Cyan (81%)
- Magenta (69%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 314FAA 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 314FAA by changing the saturation by 10% instead.



■ 314FAA

■ 314FAA

FFFFFF

■ 00398F

■ 6E80E2

■ 002475

■ 8B9AFF

■ 00115C

■ A8B4FF

■ 000443

■ C5D0FF

■ 00032C

■ E3ECFF

■ 000117

■ 000000

■ 314FAA

■ 314FAA

■ 2042AA

■ 425CAA

0F35AA

5369AA

002AAA

6475AA

7582AA

868FAA

979CAA

A8A8AA

B9B5AA

CAC2AA

# Harmonies

## Analogous

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



005FAF



314FAA



7E378E

# Triad

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



314FAA



923A0A



006847

# Complementary

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



314FAA



AA8C31

# 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.



006416



314FAA



734F00

# Square

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



314FAA



A22237



495D00



006975

# Rectangle

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



314FAA



962673



495D00



006737



# Sweetspot

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



314FAA



AFBBDE



31AA8C



545B70



F0F0F0



707070



# Same Dimension

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



314FAA



2150DE



4F31AA



4C4E54



002594



000514



# Inverse Universe

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



AA314F



DE2150



8CAA31



544C4E



940025



140005



# Previews

## White Background



This preview shows how the Hex color 314FAA looks on a white background.

## Color Contrast Check

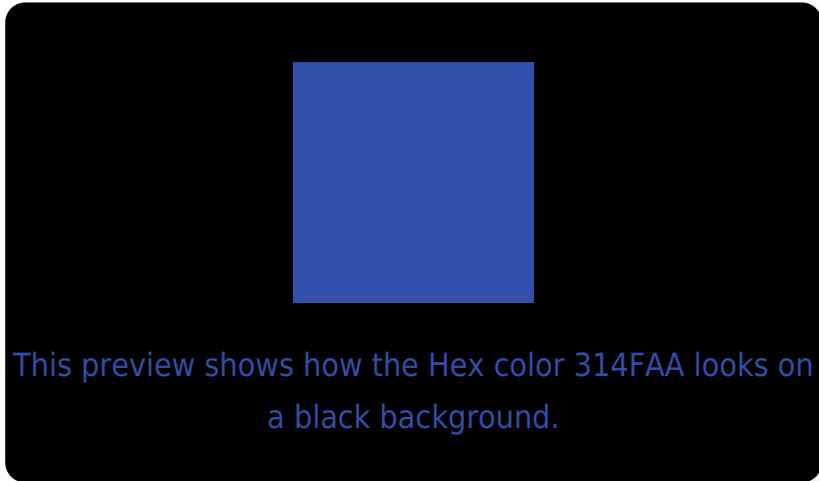
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

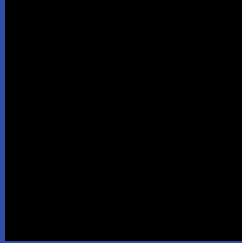
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 314FAA Background



This preview shows how black text looks on a background with the Hex color 314FAA.



This preview shows how white text looks on a background with the Hex color 314FAA.

# 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



# Trichromacy



**Original Color**  
314FAA

**Protanomaly**  
1B51AC

**Deuteranomaly**  
12549E

# Monochromacy



**Original Color**  
314FAA

**Achromatopsia**  
505050

**Achromatomaly**  
455071

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 314FAA 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 #314FAA looks like.

```
.text, #text, p{  
    color:#314FAA  
}
```

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 #314FAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #314FAA
}
```

## Border

The CSS property to change the border of an element to Hex 314FAA 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
#314FAA }
```

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

```
.border{ border-color:#314FAA }
```

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

Here you see how a box with a 4 pixel #314FAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #314FAA; -webkit-box-shadow:4px 4px  
4px 4px #314FAA; box-shadow:4px 4px 4px  
4px #314FAA }
```

# Background

The CSS property to change the background color of an element to Hex 314FAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#314FAA }
```

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

```
.background{ background-color:#314FAA }
```

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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