

# Converting Colors

Hex(319CFF)

Have a look what the booklet for  
Hex(319CFF) contains.

<b>Hex(319CFF)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(319CFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	319CFF
RGB	49, 156, 255
RGB Percent	19%, 61%, 100%
CMY	0.8078, 0.3882, 0.0000
CMYK	0.81, 0.39, 0.00, 0.00
HSL	209°, 100%, 60%
HSV	209°, 81%, 100%
XYZ	31.2051, 31.6499, 99.0721
YIQ	135.2930, -95.5510, 8.1050

# Conversions

## Conversions Part 2

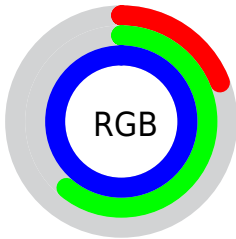
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	49, 119, 255
Decimal	3251455
CIE Lab	63.05, 4.19, -57.51
CIE LCh	63, 57.658, 274.165
Yxy	31.6499, 0.1927, 0.1955
Android (android.graphics.Color)	4281441535 (0xFF319CFF)
YUV	135.2930, 59.0156, -75.6790
Hunter-Lab	56.2582, 0.5577, -65.0303

# Details

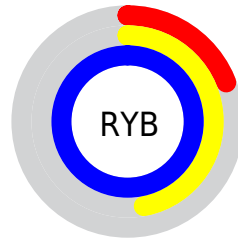
The Hex color **319CFF** is a light color, and the websafe version is hex **3399FF**. The color can be described as light washed azure. A complement of this color would be **FF9431**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **7ED2FF**, and **006AC6** is the 20% darker color. If you saturate the color by 10%, you get **1890FF**, and if you desaturate by 10%, it is **4BA8FF**.

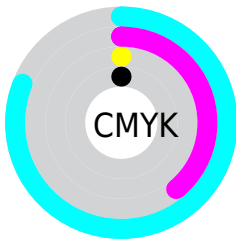
# Distribution



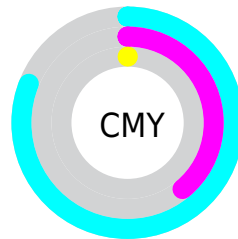
- Red (19%)
- Green (61%)
- Blue (100%)



- Red (19%)
- Yellow (47%)
- Blue (100%)



- Cyan (81%)
- Magenta (39%)
- Yellow (0%)
- Black (0%)



- Cyan (81%)
- Magenta (39%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 319CFF 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 319CFF by changing the saturation by 10% instead.



 319CFF

 319CFF

FFFFFF

 0082E2

 7ED2FF

 006AC6

 9FEEFF

 0052AA

 BFFFFF

 003C8F

 DEFFFF

 002775

FEFFFF

 00135B

 000743

 00032C

 000116

■ 319CFF

■ 319CFF

■ 1890FF

■ 4BA8FF

■ 0084FF

■ 64B5FF

■ 7EC1FF

■ 97CDFF

■ B1D9FF

■ CAE6FF

■ E4F2FF

■ FDFEFF

FFFFFF

# Harmonies

## Analogous

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



00AAF4



319CFF



A488EE

# Triad

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



319CFF



F17262



1FAE6A

# Complementary

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



319CFF



FF9431

# 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.



78A63E



319CFF



D7853A

# Square

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



319CFF



F56993



AD9829



00B19E

# Rectangle

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



319CFF



CD79D5



AD9829



49AC5A

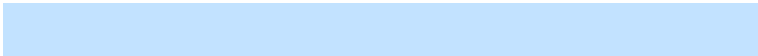


# Sweetspot

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



319CFF



C2E2FF



31FF91



5B6E80



000000



808080



# Same Dimension

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



319CFF



0888FF



3138FF



737980



0063BF



002140



# Inverse Universe

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



FF319C



FF0888



FFF831



807379



BF0063



400021



# Previews

## White Background



This preview shows how the Hex color 319CFF looks on a white background.

## Color Contrast Check

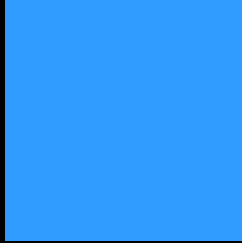
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 319CFF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

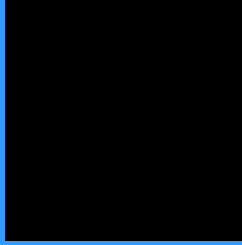
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

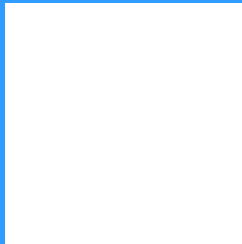
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 319CFF Background



This preview shows how black text looks on a background with the Hex color 319CFF.



This preview shows how white text looks on a background with the Hex color 319CFF.

# 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



**Original Color**  
319CFF

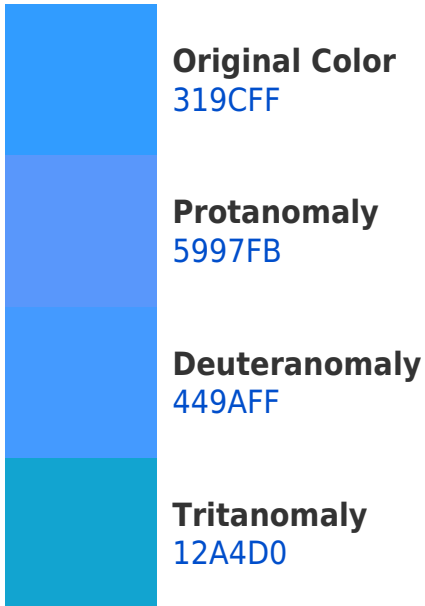
**Protanopia**  
7094F8

**Deuteranopia**  
4F99FF



**Tritanopia**  
00A8B5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 319CFF 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 #319CFF looks like.

```
.text, #text, p{  
    color:#319CFF  
}
```

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 #319CFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #319CFF
}
```

## Border

The CSS property to change the border of an element to Hex 319CFF 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
#319CFF }
```

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

```
.border{ border-color:#319CFF }
```

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

Here you see how a box with a 4 pixel #319CFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #319CFF; -webkit-box-shadow:4px 4px  
4px 4px #319CFF; box-shadow:4px 4px 4px  
4px #319CFF }
```

# Background

The CSS property to change the background color of an element to Hex 319CFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#319CFF }
```

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

```
.background{ background-color:#319CFF }
```

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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