

# Converting Colors

Hex(519FF5)

Have a look what the booklet for  
Hex(519FF5) contains.

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# **Color**

**Hex(519FF5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	519FF5
RGB	81, 159, 245
RGB Percent	32%, 62%, 96%
CMY	0.6824, 0.3765, 0.0392
CMYK	0.67, 0.35, 0.00, 0.04
HSL	211°, 89%, 64%
HSV	211°, 67%, 96%
XYZ	32.2729, 33.1382, 91.0815
YIQ	145.4820, -74.0940, 10.2100

# Conversions

## Conversions Part 2

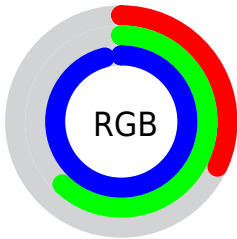
Format	Color
R <sub>Y</sub> B	81, 134, 245
Decimal	5349365
CIE Lab	64.27, 2.82, -50.04
CIE LCh	64, 50.124, 273.224
Yxy	33.1382, 0.2062, 0.2118
Android (android.graphics.Color)	4283539445 (0xFF519FF5)
YUV	145.4820, 49.0624, -56.5507
Hunter-Lab	57.5658, -0.6682, -53.5136

# Details

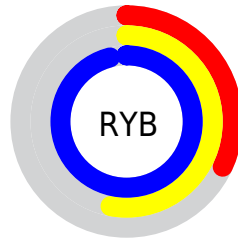
The Hex color **519FF5** is a light color, and the websafe version is hex **3399FF**. The color can be described as light muted azure. A complement of this color would be **F5A751**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **91D5FF**, and **006CBC** is the 20% darker color. If you saturate the color by 10%, you get **3992F5**, and if you desaturate by 10%, it is **6AACF5**.

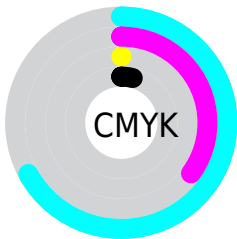
# Distribution



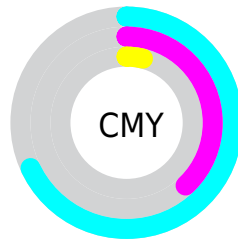
- Red (32%)
- Green (62%)
- Blue (96%)



- Red (32%)
- Yellow (53%)
- Blue (96%)



- Cyan (67%)
- Magenta (35%)
- Yellow (0%)
- Black (4%)



- Cyan (68%)
- Magenta (38%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 519FF5 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 519FF5 by changing the saturation by 10% instead.



■ 519FF5

■ 519FF5

FFFFFF

■ 2985D8

■ 91D5FF

■ 006CBC

■ B0F2FF

■ 0054A1

■ CEFFFF

■ 003E86

■ EDFFFF

■ 00296C

■ 001554

■ 00063C

■ 000225

■ 00010D

■ 519FF5

■ 519FF5

■ 3992F5

■ 6AACF5

■ 2085F5

■ 82B9F5

■ 0878F5

■ 9BC6F5

■ 0075F5

■ B3D2F5

■ CBDFF5

■ E4ECF5

■ FCF9F5

■ FFFFF5

# Harmonies

## Analogous

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



00ABEB



519FF5



A58EE7

# Triad

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



519FF5



EC7B6D



45AF72

# Complementary

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



519FF5



F5A751

# 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.



83A74E



519FF5



D58B4C

# Square

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



519FF5



EE7599



B19B3E



00B29F

# Rectangle

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



519FF5



C982D2



B19B3E



5DAD64

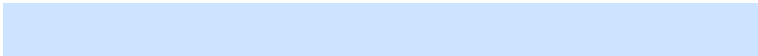


# Sweetspot

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



519FF5



CCE4FF



51F5A6



616F80



000000



808080



# Same Dimension

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



519FF5



3394FF



5451F5



6E747A



0059BA



001C3B



# Inverse Universe

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



F5519F



FF3394



F2F551



7A6E74



BA0059



3B001C



# Previews

## White Background



This preview shows how the Hex color 519FF5 looks on a white background.

## Color Contrast Check

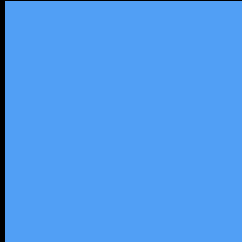
Large Text (above 18pt) WCAG AA × Fail

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 519FF5 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

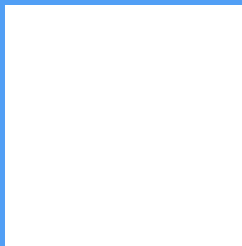
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 519FF5 Background



This preview shows how black text looks on a background with the Hex color 519FF5.



This preview shows how white text looks on a background with the Hex color 519FF5.

# 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](#).

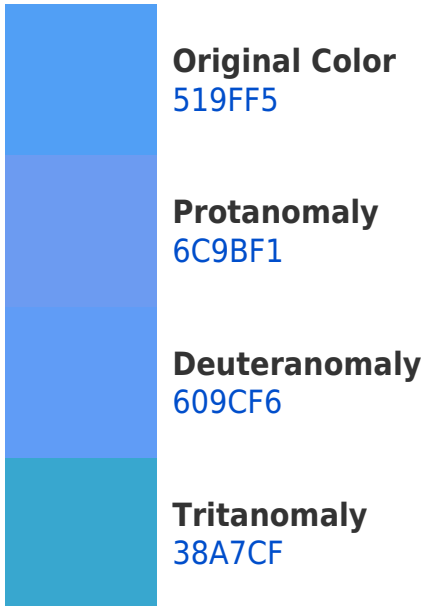
## Dichromacy



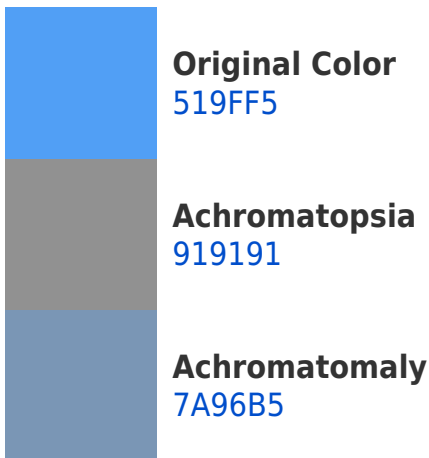


**Tritanopia**  
2AABB9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 519FF5 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 #519FF5 looks like.

```
.text, #text, p{  
    color:#519FF5  
}
```

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 #519FF5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #519FF5
}
```

## Border

The CSS property to change the border of an element to Hex 519FF5 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
#519FF5 }
```

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

```
.border{ border-color:#519FF5 }
```

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

Here you see how a box with a 4 pixel #519FF5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #519FF5; -webkit-box-shadow:4px 4px  
4px 4px #519FF5; box-shadow:4px 4px 4px  
4px #519FF5 }
```

# Background

The CSS property to change the background color of an element to Hex 519FF5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#519FF5 }
```

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

```
.background{ background-color:#519FF5 }
```

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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