

# Converting Colors

Hex(59C4FF)

Have a look what the booklet for  
Hex(59C4FF) contains.

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# **Color**

**Hex(59C4FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	59C4FF
RGB	89, 196, 255
RGB Percent	35%, 77%, 100%
CMY	0.6510, 0.2314, 0.0000
CMYK	0.65, 0.23, 0.00, 0.00
HSL	201°, 100%, 67%
HSV	201°, 65%, 100%
XYZ	41.9098, 48.8237, 101.8228
YIQ	170.7330, -82.7110, -4.3350

# Conversions

## Conversions Part 2

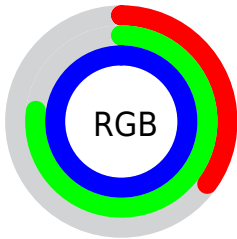
Format	Color
R <sub>Y</sub> B	89, 154, 255
Decimal	5883135
CIE Lab	75.34, -13.15, -38.09
CIE LCh	75, 40.300, 250.958
Yxy	48.8237, 0.2176, 0.2536
Android (android.graphics.Color)	4284073215 (0xFF59C4FF)
YUV	170.7330, 41.5436, -71.6798
Hunter-Lab	69.8740, -15.2168, -37.4877

# Details

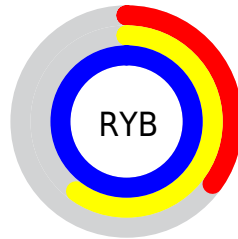
The Hex color **59C4FF** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted cyan. A complement of this color would be **FF9459**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **99FDFF**, and **008EC6** is the 20% darker color. If you saturate the color by 10%, you get **40BBFF**, and if you desaturate by 10%, it is **73CDFF**.

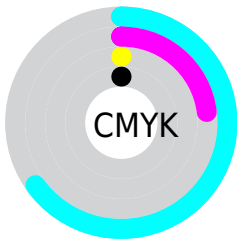
# Distribution



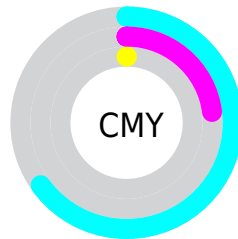
- Red (35%)
- Green (77%)
- Blue (100%)



- Red (35%)
- Yellow (60%)
- Blue (100%)



- Cyan (65%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)



- Cyan (65%)
- Magenta (23%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 59C4FF 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 59C4FF by changing the saturation by 10% instead.



 59C4FF

 59C4FF

FFFFFF

 32A9E2

 99FDFD

 008EC6

 B8FFFF

 0075AB

 D7FFFF

 005C90

 F6FFFF

 004576

 002F5D

 001B45

 00042E

 000119

■ 59C4FF

■ 59C4FF

■ 40BBFF

■ 73CDFF

■ 26B2FF

■ 8CD6FF

■ 0DA9FF

■ A6DFFF

■ 00A4FF

■ BFE8FF

■ D9F1FF

■ F2FAFF

FFFFFF

# Harmonies

## Analogous

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



17CBE9



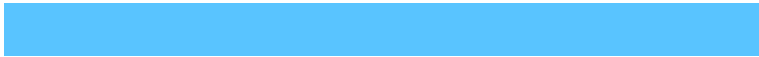
59C4FF



9AB9FF

# Triad

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



59C4FF



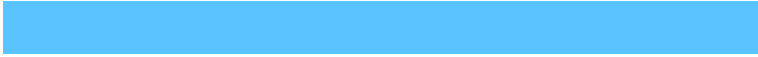
FF9DAD



9CC680

# Complementary

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



59C4FF



FF9459

# 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.



C5BC70



59C4FF



FCA38B

# Square

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



59C4FF



F3A0D3



E6AF74



6DCCA0

# Rectangle

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



59C4FF



BFAFF9



E6AF74

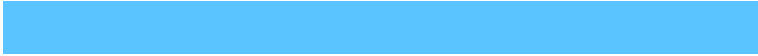


AAC379

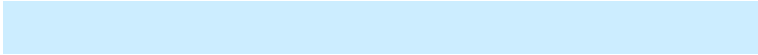


# Sweetspot

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



59C4FF



CCEDFF



59FF93



617580



000000



808080



# Same Dimension

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



59C4FF



38B8FF



5972FF



737B80



007BBF



002940



# Inverse Universe

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



FF59C4



FF38B8



FFE659



80737B



BF007B

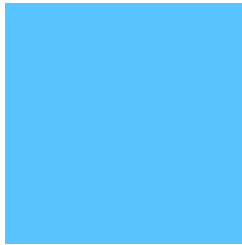


400029



# Previews

## White Background



This preview shows how the Hex color 59C4FF looks on a white background.

## Color Contrast Check

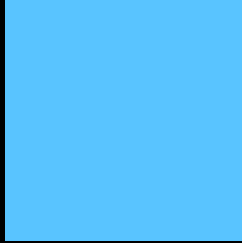
Large Text (above 18pt) WCAG AA × Fail

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 59C4FF 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

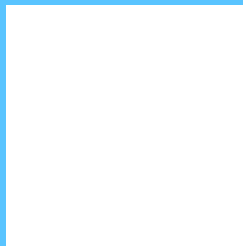
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 59C4FF Background



This preview shows how black text looks on a background with the Hex color 59C4FF.

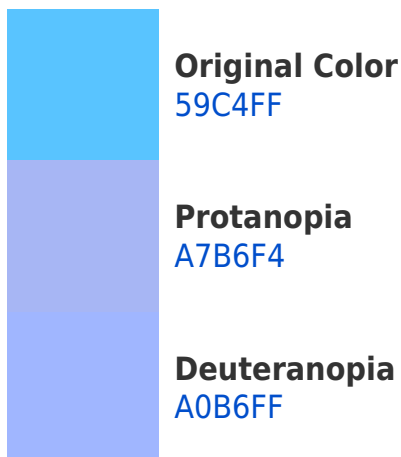


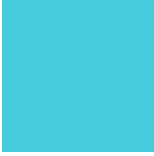
This preview shows how white text looks on a background with the Hex color 59C4FF.

# 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](#).

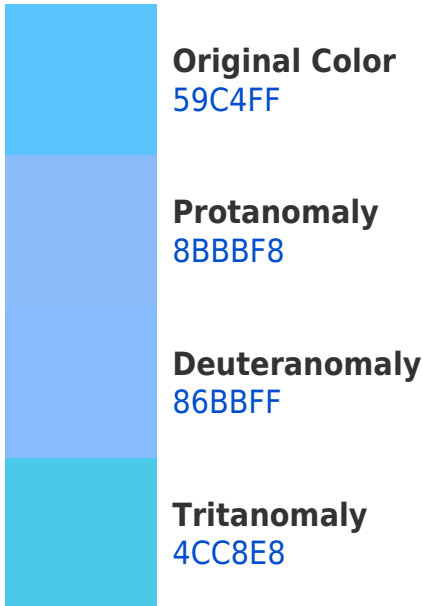
## Dichromacy



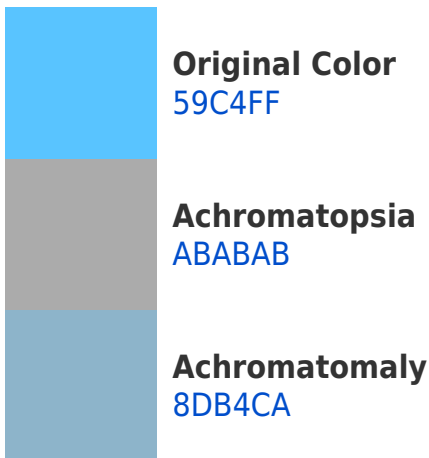


**Tritanopia**  
45CBDB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 59C4FF 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 #59C4FF looks like.

```
.text, #text, p{  
    color:#59C4FF  
}
```

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 #59C4FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59C4FF
}
```

## Border

The CSS property to change the border of an element to Hex 59C4FF 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
#59C4FF }
```

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

```
.border{ border-color:#59C4FF }
```

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

Here you see how a box with a 4 pixel #59C4FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59C4FF; -webkit-box-shadow:4px 4px  
4px 4px #59C4FF; box-shadow:4px 4px 4px  
4px #59C4FF }
```

# Background

The CSS property to change the background color of an element to Hex 59C4FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59C4FF }
```

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

```
.background{ background-color:#59C4FF }
```

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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