

# Converting Colors

Hex(589CEF)

Have a look what the booklet for  
Hex(589CEF) contains.

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# **Color**

**Hex(589CEF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	589CEF
RGB	88, 156, 239
RGB Percent	35%, 61%, 94%
CMY	0.6549, 0.3882, 0.0627
CMYK	0.63, 0.35, 0.00, 0.06
HSL	213°, 83%, 64%
HSV	213°, 63%, 94%
XYZ	31.4930, 32.0836, 86.1943
YIQ	145.1300, -67.1710, 11.3970

# Conversions

## Conversions Part 2

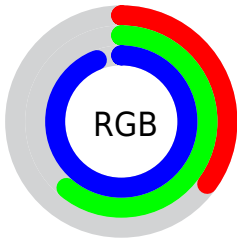
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	88, 135, 239
Decimal	5807343
CIE Lab	63.41, 3.70, -48.10
CIE LCh	63, 48.238, 274.394
Yxy	32.0836, 0.2103, 0.2142
Android (android.graphics.Color)	4283997423 (0xFF589CEF)
YUV	145.1300, 46.2779, -50.1030
Hunter-Lab	56.6424, 0.1210, -50.5735

# Details

The Hex color **589CEF** 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 **EFAB58**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **96D2FF**, and **0069B7** is the 20% darker color. If you saturate the color by 10%, you get **408FEF**, and if you desaturate by 10%, it is **70A9EF**.

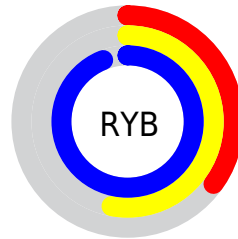
# Distribution



Red (35%)

Green (61%)

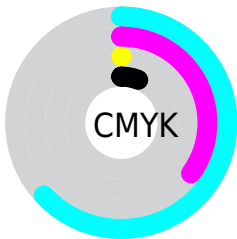
Blue (94%)



Red (35%)

Yellow (53%)

Blue (94%)

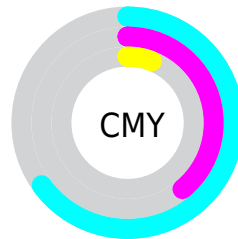


Cyan (63%)

Magenta (35%)

Yellow (0%)

Black (6%)



Cyan (65%)

Magenta (39%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 589CEF 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 589CEF by changing the saturation by 10% instead.



■ 589CEF

■ 589CEF

FFFFFF

■ 3482D2

■ 96D2FF

■ 0069B7

■ B4EEFF

■ 00529B

■ D2FFFF

■ 003B81

■ F0FFFF

■ 002667

■ 00114F

■ 000537

■ 000221

■ 000005

■ 589CEF

■ 589CEF

■ 408FEF

■ 70A9EF

■ 2882EF

■ 88B6EF

■ 1075EF

■ A0C3EF

■ 006CEF

■ B8D1EF

■ CFDEEF

■ E7EBEF

■ FFF8EF

■ FFFFEF

# Harmonies

## Analogous

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



00A8E6



589CEF



A58CE1

# Triad

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



589CEF



E67B6B



44AC73

# Complementary

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



589CEF



EFAB58

# 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.



80A550



589CEF



D08A4C

# Square

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



589CEF



E97595



AD9940



00AF9F

# Rectangle

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



589CEF



C781CC



AD9940



5BAA66

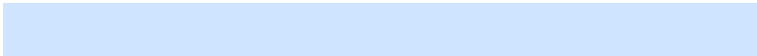


# Sweetspot

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



589CEF



CFE4FF



58EFA9



626F80



000000



808080



# Same Dimension

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



589CEF



3D94FF



5D58EF



6C7178



0053B8



001938



# Inverse Universe

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



EF589C



FF3D94



EAEF58



786C71



B80053

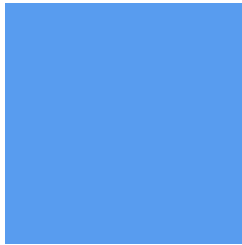


380019



# Previews

## White Background



This preview shows how the Hex color 589CEF looks on a white background.

## Color Contrast Check

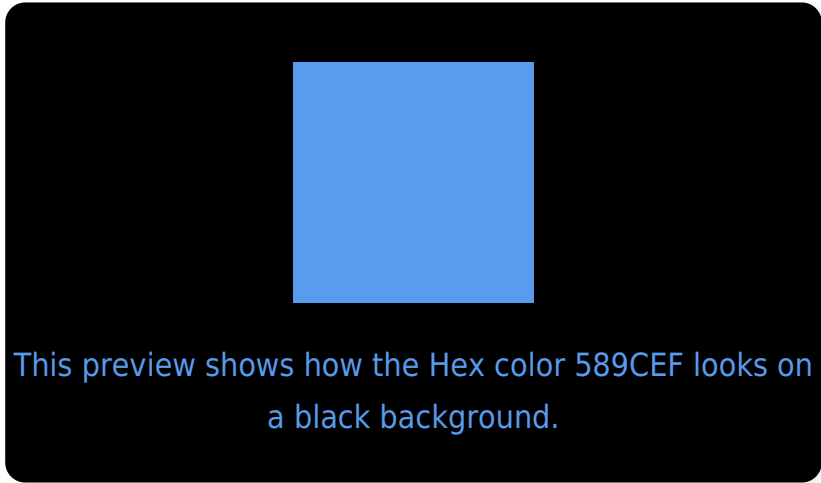
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

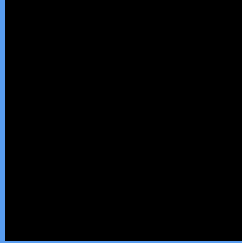
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

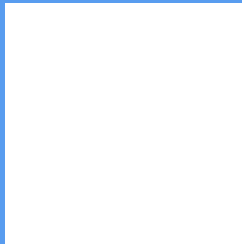
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 589CEF Background



This preview shows how black text looks on a background with the Hex color 589CEF.

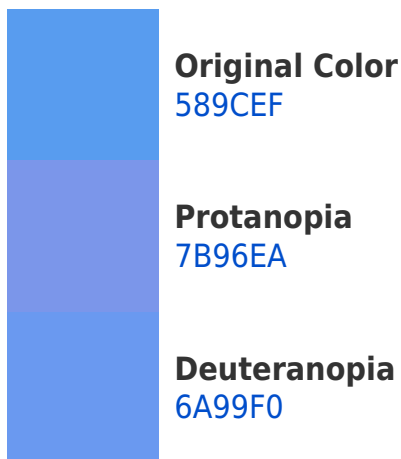


This preview shows how white text looks on a background with the Hex color 589CEF.

# 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](#).

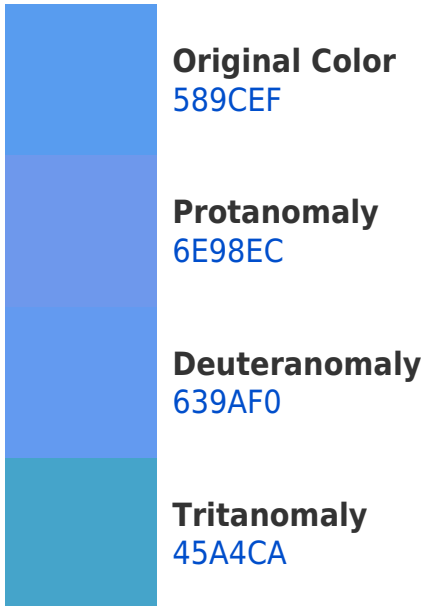
## Dichromacy



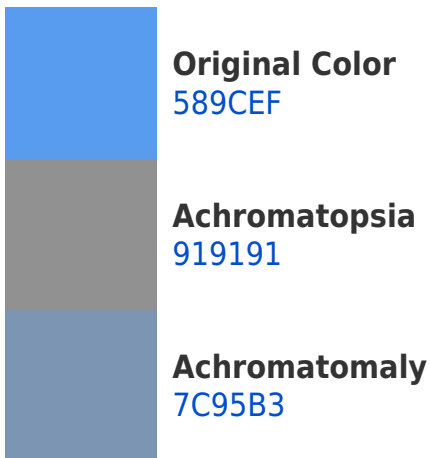


**Tritanopia**  
3AA8B5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 589CEF 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 #589CEF looks like.

```
.text, #text, p{  
    color:#589CEF  
}
```

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 #589CEF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #589CEF
}
```

## Border

The CSS property to change the border of an element to Hex 589CEF 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
#589CEF }
```

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

```
.border{ border-color:#589CEF }
```

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

Here you see how a box with a 4 pixel #589CEF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #589CEF; -webkit-box-shadow:4px 4px  
4px 4px #589CEF; box-shadow:4px 4px 4px  
4px #589CEF }
```

# Background

The CSS property to change the background color of an element to Hex 589CEF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#589CEF }
```

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

```
.background{ background-color:#589CEF }
```

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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