

# Converting Colors

Hex(589FED)

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

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# **Color**

**Hex(589FED)**

# Conversions

## Conversions Part 1

Format	Color
Hex	589FED
RGB	88, 159, 237
RGB Percent	35%, 62%, 93%
CMY	0.6549, 0.3765, 0.0706
CMYK	0.63, 0.33, 0.00, 0.07
HSL	211°, 81%, 64%
HSV	211°, 63%, 93%
XYZ	31.7087, 32.9854, 84.8164
YIQ	146.6630, -67.3540, 9.2060

# Conversions

## Conversions Part 2

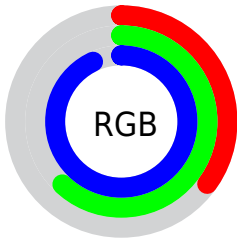
<b>Format</b>	<b>Color</b>
<b>RYB</b>	88, 136, 237
Decimal	5808109
CIELab	64.15, 1.31, -45.83
CIElCh	64, 45.853, 271.633
Yxy	32.9854, 0.2121, 0.2206
Android (android.graphics.Color)	4283998189 (0xFF589FED)
YUV	146.6630, 44.5361, -51.4475
Hunter-Lab	57.4329, -1.9578, -47.3558

# Details

The Hex color **589FED** 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 **EDA658**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **96D5FF**, and **006CB5** is the 20% darker color. If you saturate the color by 10%, you get **4093ED**, and if you desaturate by 10%, it is **70ABED**.

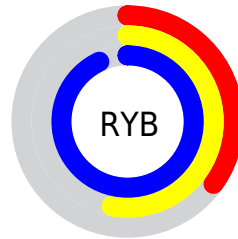
# Distribution



Red (35%)

Green (62%)

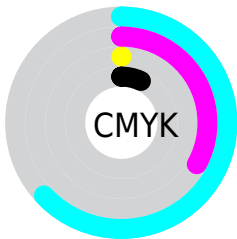
Blue (93%)



Red (35%)

Yellow (53%)

Blue (93%)

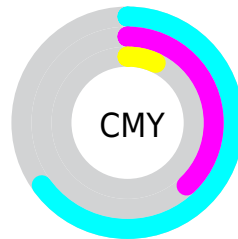


Cyan (63%)

Magenta (33%)

Yellow (0%)

Black (7%)



Cyan (65%)

Magenta (38%)

Yellow (7%)

# Brightness & Saturation Gradients

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



■ 589FED

■ 589FED

FFFFFF

■ 3585D0

■ 96D5FF

■ 006CB5

■ B4F2FF

■ 00549A

■ D2FFFF

■ 003D7F

■ F0FFFF

■ 002866

■ 00144D

■ 000536

■ 000220

■ 000003

■ 589FED

■ 589FED

■ 4093ED

■ 70ABED

■ 2986ED

■ 87B8ED

■ 117AED

■ 9FC4ED

■ 0071ED

■ B7D1ED

■ CEDDED

■ E6E9ED

■ FEF6ED

■ FFFFED

# Harmonies

## Analogous

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



00AAE3



589FED



A190E1

# Triad

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



589FED



E67E73



53AD73

# Complementary

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



589FED



EDA658

# 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.



88A653



589FED



D38B54

# Square

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



589FED



E7799B



B29A47



00B09C

# Rectangle

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



589FED



C385CF



B29A47



66AB67

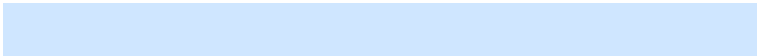


# Sweetspot

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



589FED



CFE6FF



58EDA5



627080



000000



808080



# Same Dimension

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



589FED



409BFF



5A58ED



6A6F75



0056B5



001A36



# Inverse Universe

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



ED589F



FF409B



EBED58



756A6F



B50056



36001A



# Previews

## White Background



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

## Color Contrast Check

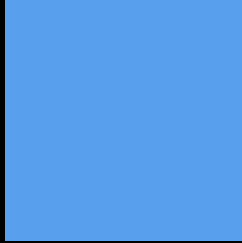
Large Text (above 18pt) WCAG AA × Fail

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 589FED looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

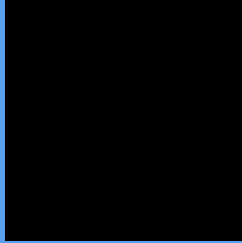
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

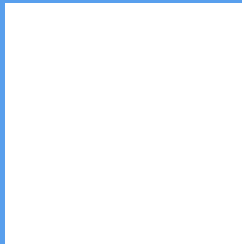
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 589FED Background



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

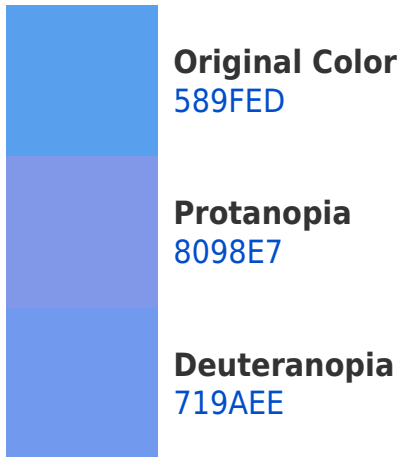


This preview shows how white text looks on a background with the Hex color 589FED.

# 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](#).

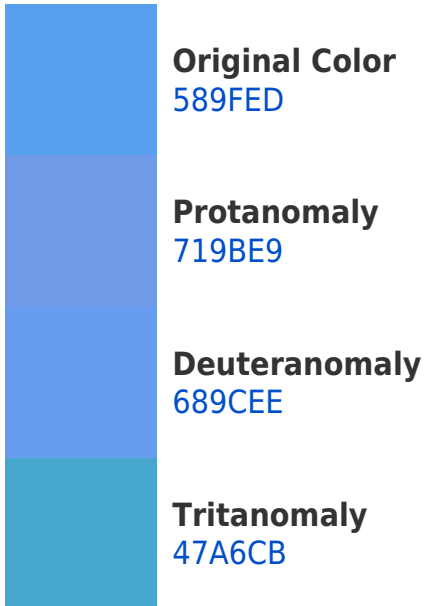
## Dichromacy



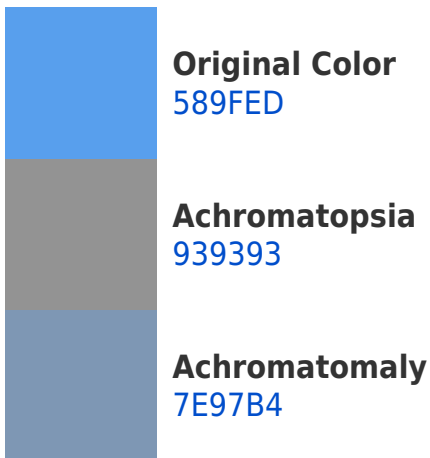


**Tritanopia**  
3DAAB7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #589FED colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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