

# Converting Colors

Hex(5E8CF7)

Have a look what the booklet for  
Hex(5E8CF7) contains.

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# Color

Hex(5E8CF7)

# Conversions

## Conversions Part 1

Format	Color
Hex	5E8CF7
RGB	94, 140, 247
RGB Percent	37%, 55%, 97%
CMY	0.6314, 0.4510, 0.0314
CMYK	0.62, 0.43, 0.00, 0.03
HSL	222°, 91%, 67%
HSV	222°, 62%, 97%
XYZ	30.7827, 27.8513, 91.7491
YIQ	138.4440, -61.7630, 23.5250

# Conversions

## Conversions Part 2

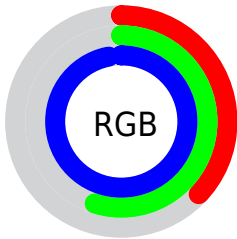
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	94, 129, 247
Decimal	6196471
CIE Lab	59.75, 16.84, -58.29
CIE LCh	60, 60.679, 286.114
Yxy	27.8513, 0.2047, 0.1852
Android (android.graphics.Color)	4284386551 (0xFF5E8CF7)
YUV	138.4440, 53.5181, -38.9774
Hunter-Lab	52.7743, 11.7622, -66.1348

# Details

The Hex color **5E8CF7** is a light color, and the websafe version is hex **6699FF**. The color can be described as light muted azure. A complement of this color would be **F7C95E**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **9CC1FF**, and **005BBE** is the 20% darker color. If you saturate the color by 10%, you get **457BF7**, and if you desaturate by 10%, it is **779DF7**.

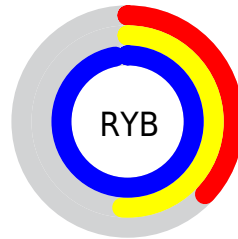
# Distribution



Red (37%)

Green (55%)

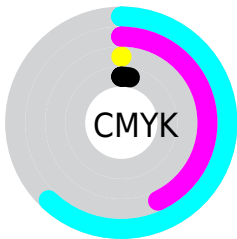
Blue (97%)



Red (37%)

Yellow (51%)

Blue (97%)

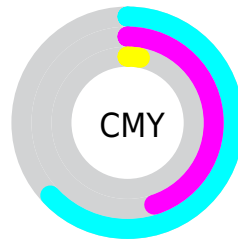


Cyan (62%)

Magenta (43%)

Yellow (0%)

Black (3%)



Cyan (63%)

Magenta (45%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E8CF7 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 5E8CF7 by changing the saturation by 10% instead.



 5E8CF7

 5E8CF7

FFFFFF

 3B73DA

 9CC1FF

 005BBE

 BADDFF

 0044A2

 D8F9FF

 002E88

 F7FFFF

 001B6E

 000055

 00063C

 000226

 00010E

■ 5E8CF7

■ 5E8CF7

■ 457BF7

■ 779DF7

■ 2D69F7

■ 8FAFF7

■ 1458F7

■ A8C0F7

■ 004AF7

■ C1D1F7

■ DAE2F7

■ F2F4F7

■ FFFFF7

# Harmonies

## Analogous

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



009DF8



5E8CF7



B775DB

# Triad

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



5E8CF7



E26E45



00A874

# Complementary

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



5E8CF7



F7C95E

# 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.



51A241



5E8CF7



C0841E

# Square

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



5E8CF7



F15E75



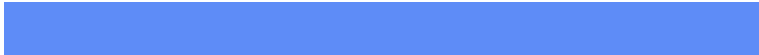
90961A



00A9AC

# Rectangle

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



5E8CF7



D966BC



90961A



00A662



# Sweetspot

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



5E8CF7



CFDDFF



5EF7C7



626B80



000000



808080



# Same Dimension

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



5E8CF7



427BFF



7A5EF7



6E727A



0038BA



00123B



# Inverse Universe

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



F75E8C



FF427B



DBF75E



7A6E72



BA0038



3B0012



# Previews

## White Background



This preview shows how the Hex color 5E8CF7 looks on a white background.

## Color Contrast Check

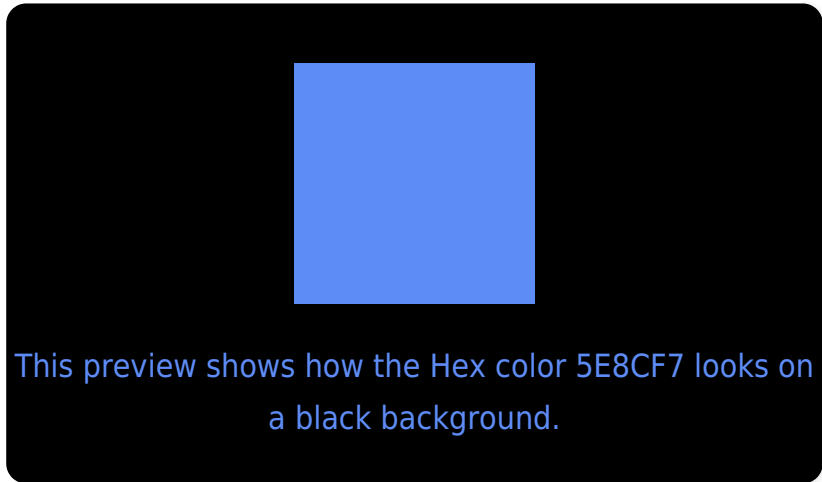
Large Text (above 18pt) WCAG AA ✓ Pass

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

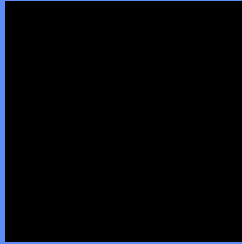
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

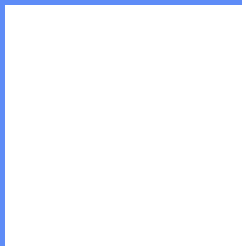
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5E8CF7 Background



This preview shows how black text looks on a background with the Hex color 5E8CF7.

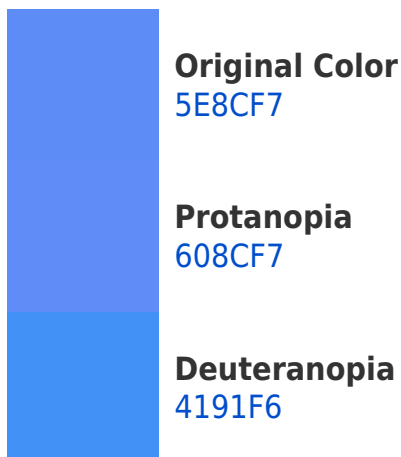


This preview shows how white text looks on a background with the Hex color 5E8CF7.

# 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**  
379DAA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E8CF7 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 #5E8CF7 looks like.

```
.text, #text, p{  
    color:#5E8CF7  
}
```

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 #5E8CF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E8CF7
}
```

## Border

The CSS property to change the border of an element to Hex 5E8CF7 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
#5E8CF7 }
```

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

```
.border{ border-color:#5E8CF7 }
```

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

Here you see how a box with a 4 pixel #5E8CF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E8CF7; -webkit-box-shadow:4px 4px  
4px 4px #5E8CF7; box-shadow:4px 4px 4px  
4px #5E8CF7 }
```

# Background

The CSS property to change the background color of an element to Hex 5E8CF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E8CF7 }
```

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

```
.background{ background-color:#5E8CF7 }
```

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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