

Converting Colors

Hex(5E7FEF)

Have a look what the booklet for
Hex(5E7FEF) contains.

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Color

Hex(5E7FEF)

Conversions

Conversions Part 1

Format	Color
Hex	5E7FEF
RGB	94, 127, 239
RGB Percent	37%, 50%, 94%
CMY	0.6314, 0.5020, 0.0627
CMYK	0.61, 0.47, 0.00, 0.06
HSL	226°, 82%, 65%
HSV	226°, 61%, 94%
XYZ	27.7855, 23.7904, 84.7889
YIQ	129.9010, -55.6200, 27.8360

Conversions

Conversions Part 2

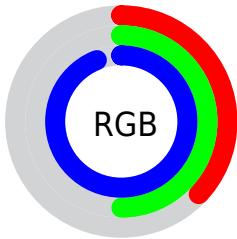
Format	Color
R_{YB}	94, 121, 239
Decimal	6193135
CIE _{Lab}	55.88, 22.02, -60.08
CIE _{LCh}	56, 63.986, 290.134
Yxy	23.7904, 0.2038, 0.1745
Android (android.graphics.Color)	4284383215 (0xFF5E7FEF)
YUV	129.9010, 53.7858, -31.4852
Hunter-Lab	48.7754, 16.3275, -68.9242

Details

The Hex color **5E7FEF** is a dark color, and the websafe version is hex **3366CC**. The color can be described as middle muted azure. A complement of this color would be **EFCE5E**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **9BB3FF**, and **034FB6** is the 20% darker color. If you saturate the color by 10%, you get **466DEF**, and if you desaturate by 10%, it is **7691EF**.

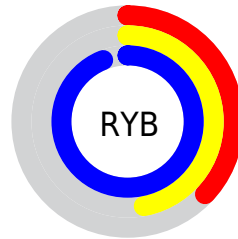
Distribution



Red (37%)

Green (50%)

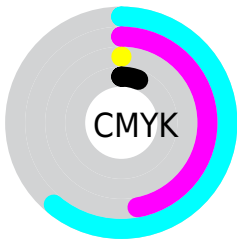
Blue (94%)



Red (37%)

Yellow (47%)

Blue (94%)

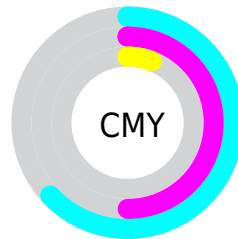


Cyan (61%)

Magenta (47%)

Yellow (0%)

Black (6%)



Cyan (63%)

Magenta (50%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E7FEF 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 5E7FEF by changing the saturation by 10% instead.

 5E7FEF

 5E7FEF

FFFFFF

 3C66D2

 9BB3FF

 034FB6

 B9CFFF

 00389B

 D7EBFF

 002480

 F6FFFF

 001266

 00064E

 000536

 00021F

 000003

■ 5E7FEF

■ 5E7FEF

■ 466DEF

■ 7691EF

■ 2E5AEF

■ 8EA4EF

■ 1648EF

■ A6B6EF

■ 0036EF

■ BEC9EF

■ D5DBEF

■ EDEEEF

■ FFFFEF

Harmonies

Analogous

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



0092F4



5E7FEF



B665CE

Triad

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



5E7FEF



D66530



009E71

Complementary

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



5E7FEF



EFCE5E

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.



329939



5E7FEF



B07D00

Square

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



5E7FEF



E85063



7D8E00



009FAB

Rectangle

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



5E7FEF



D655AD



7D8E00



009D5E

Sweetspot

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



5E7FEF



D1DCFF



5EEFCD



636A80



000000



808080

Same Dimension

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



5E7FEF



456FFF



855EEF



6C6F78



002AB8



000D38

Inverse Universe

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



EF5E7F



FF456F



C8EF5E



786C6F



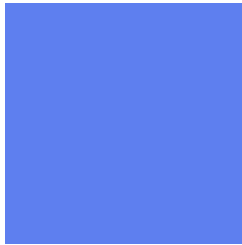
B8002A



38000D

Previews

White Background



This preview shows how the Hex color 5E7FEF 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



This preview shows how the Hex color 5E7FEF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

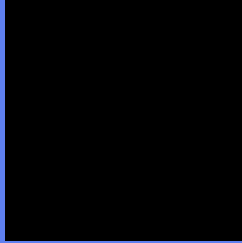
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 5E7FEF Background



This preview shows how black text looks on a background with the Hex color 5E7FEF.



This preview shows how white text looks on a background with the Hex color 5E7FEF.

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](#).

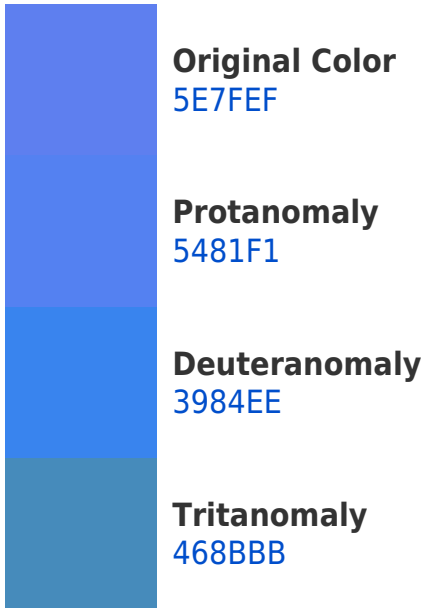
Dichromacy



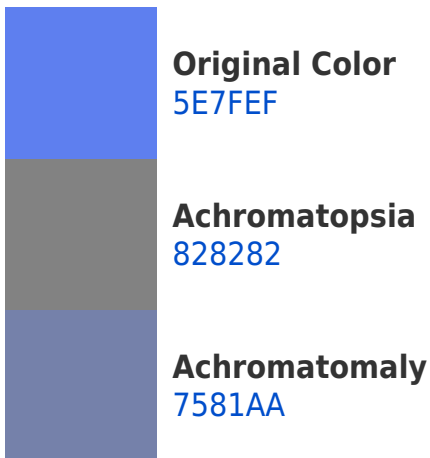


Tritanopia
38929E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5E7FEF 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 #5E7FEF looks like.

```
.text, #text, p{  
    color:#5E7FEF  
}
```

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 #5E7FEF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E7FEF
}
```

Border

The CSS property to change the border of an element to Hex 5E7FEF is called "border". The border property can be set on classes, ids or directly on the HTML element.

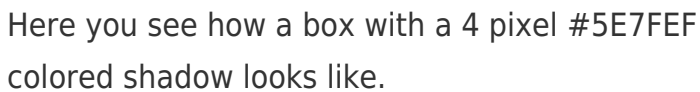
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5E7FEF }
```

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

```
.border{ border-color:#5E7FEF }
```

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



Here you see how a box with a 4 pixel #5E7FEF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E7FEF; -webkit-box-shadow:4px 4px  
4px 4px #5E7FEF; box-shadow:4px 4px 4px  
4px #5E7FEF }
```

Background

The CSS property to change the background color of an element to Hex 5E7FEF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E7FEF }
```

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

```
.background{ background-color:#5E7FEF }
```

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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