

Converting Colors

Hex(5E9CF2)

Have a look what the booklet for
Hex(5E9CF2) contains.

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Color

Hex(5E9CF2)

Conversions

Conversions Part 1

Format	Color
Hex	5E9CF2
RGB	94, 156, 242
RGB Percent	37%, 61%, 95%
CMY	0.6314, 0.3882, 0.0510
CMYK	0.61, 0.36, 0.00, 0.05
HSL	215°, 85%, 66%
HSV	215°, 61%, 95%
XYZ	32.5316, 32.5674, 88.5759
YIQ	147.2660, -64.5580, 13.6020

Conversions

Conversions Part 2

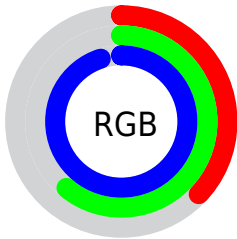
Format	Color
R _Y B	94, 138, 242
Decimal	6200562
CIE Lab	63.81, 5.75, -49.10
CIE LCh	64, 49.435, 276.675
Yxy	32.5674, 0.2117, 0.2119
Android (android.graphics.Color)	4284390642 (0xFF5E9CF2)
YUV	147.2660, 46.7039, -46.7143
Hunter-Lab	57.0679, 1.8852, -52.0774

Details

The Hex color **5E9CF2** 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 **F2B45E**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **9BD2FF**, and **0369B9** is the 20% darker color. If you saturate the color by 10%, you get **468EF2**, and if you desaturate by 10%, it is **76AAF2**.

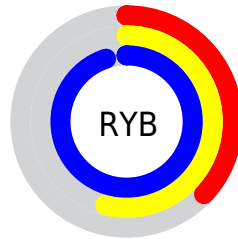
Distribution



Red (37%)

Green (61%)

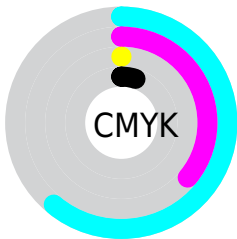
Blue (95%)



Red (37%)

Yellow (54%)

Blue (95%)

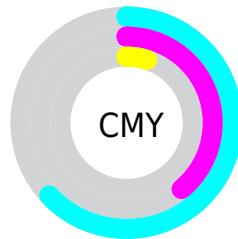


Cyan (61%)

Magenta (36%)

Yellow (0%)

Black (5%)



Cyan (63%)

Magenta (39%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5E9CF2 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 5E9CF2 by changing the saturation by 10% instead.

■ 5E9CF2

■ 5E9CF2

FFFFFF

■ 3C82D5

■ 9BD2FF

■ 0369B9

■ B9EEFF

■ 00529E

■ D7FFFF

■ 003B84

■ F5FFFF

■ 00266A

■ 001251

■ 000539

■ 000223

■ 00000A

■ 5E9CF2

■ 5E9CF2

■ 468EF2

■ 76AAF2

■ 2E80F2

■ 8EB8F2

■ 1572F2

■ A7C6F2

■ 0065F2

■ BFD4F2

■ D7E2F2

■ EFF0F2

■ FFFE2F2

■ FFFFF2

Harmonies

Analogous

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



00A8EB



5E9CF2



AB8BE2

Triad

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



5E9CF2



E87C68



3BAE76

Complementary

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



5E9CF2



F2B45E

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.



7CA751



5E9CF2



D08C49

Square

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



5E9CF2



EC7592



AB9B3F



00B1A3

Rectangle

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



5E9CF2



CC80CC



AB9B3F



55AC68

Sweetspot

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



5E9CF2



D1E4FF



5EF2B2



636F80



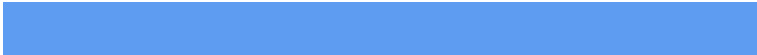
000000



808080

Same Dimension

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



5E9CF2



4593FF



685EF2



6C7178



004DB8



001838

Inverse Universe

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



F25E9C



FF4593



E8F25E



786C71



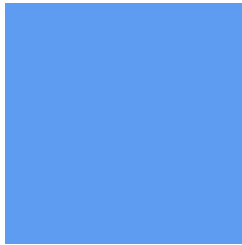
B8004D



380018

Previews

White Background



This preview shows how the Hex color 5E9CF2 looks on a white background.

Color Contrast Check

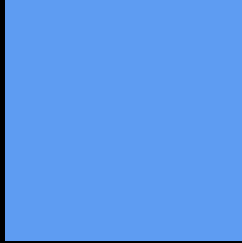
Large Text (above 18pt) WCAG AA × Fail

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 5E9CF2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

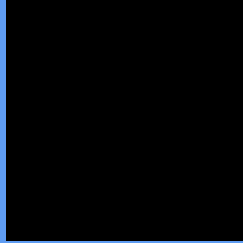
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

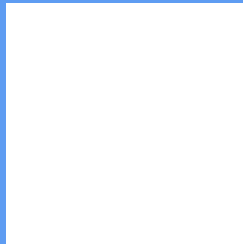
Any Text WCAG AAA ✓ Pass

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

Hex 5E9CF2 Background



This preview shows how black text looks on a background with the Hex color 5E9CF2.

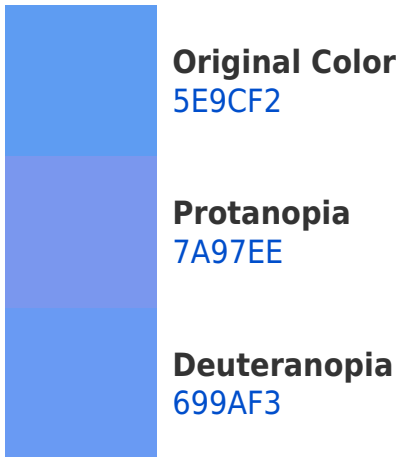


This preview shows how white text looks on a background with the Hex color 5E9CF2.

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](#).

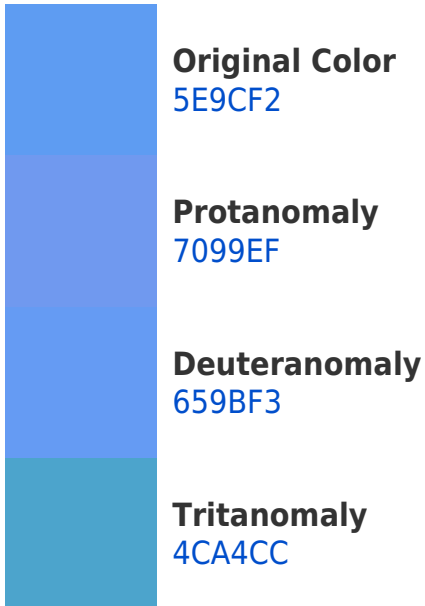
Dichromacy



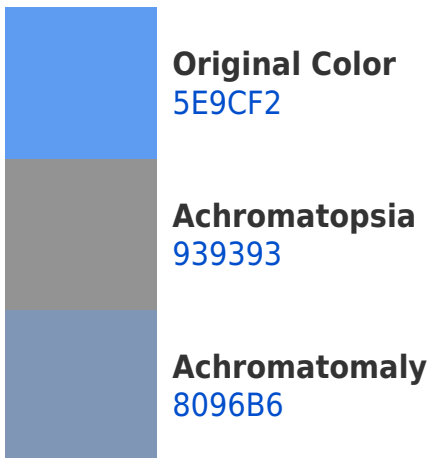


Tritanopia
42A8B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5E9CF2 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 #5E9CF2 looks like.

```
.text, #text, p{  
    color:#5E9CF2  
}
```

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 #5E9CF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E9CF2
}
```

Border

The CSS property to change the border of an element to Hex 5E9CF2 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
#5E9CF2 }
```

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

```
.border{ border-color:#5E9CF2 }
```

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

Here you see how a box with a 4 pixel #5E9CF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E9CF2; -webkit-box-shadow:4px 4px  
4px 4px #5E9CF2; box-shadow:4px 4px 4px  
4px #5E9CF2 }
```

Background

The CSS property to change the background color of an element to Hex 5E9CF2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E9CF2 }
```

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

```
.background{ background-color:#5E9CF2 }
```

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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