

Converting Colors

Hex(5895F9)

Have a look what the booklet for
Hex(5895F9) contains.

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Color

Hex(5895F9)

Conversions

Conversions Part 1

Format	Color
Hex	5895F9
RGB	88, 149, 249
RGB Percent	35%, 58%, 98%
CMY	0.6549, 0.4157, 0.0235
CMYK	0.65, 0.40, 0.00, 0.02
HSL	217°, 93%, 66%
HSV	217°, 65%, 98%
XYZ	31.8708, 30.4092, 93.8123
YIQ	142.1610, -68.4560, 18.1680

Conversions

Conversions Part 2

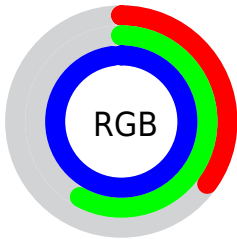
Format	Color
R _Y B	88, 132, 249
Decimal	5805561
CIE Lab	62.01, 11.14, -55.82
CIE LCh	62, 56.918, 281.282
Yxy	30.4092, 0.2042, 0.1948
Android (android.graphics.Color)	4283995641 (0xFF5895F9)
YUV	142.1610, 52.6716, -47.4992
Hunter-Lab	55.1445, 6.6614, -62.2635

Details

The Hex color **5895F9** 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 **F9BC58**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **97CBFF**, and **0063C0** is the 20% darker color. If you saturate the color by 10%, you get **3F86F9**, and if you desaturate by 10%, it is **71A4F9**.

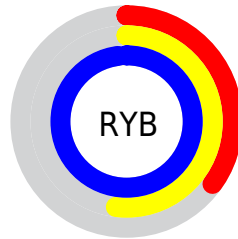
Distribution



Red (35%)

Green (58%)

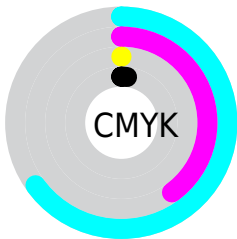
Blue (98%)



Red (35%)

Yellow (52%)

Blue (98%)

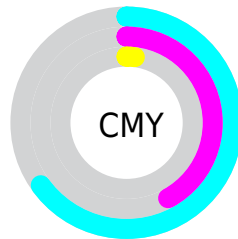


Cyan (65%)

Magenta (40%)

Yellow (0%)

Black (2%)



Cyan (65%)

Magenta (42%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5895F9 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 5895F9 by changing the saturation by 10% instead.

 5895F9

 5895F9

FFFFFF

 337BDC

 97CBFF

 0063C0

 B6E7FF

 004CA4

 D4FFFF

 003689


 F3FFFF

 00226F

 000A56

 00063E

 000327

 000111

■ 5895F9

■ 5895F9

■ 3F86F9

■ 71A4F9

■ 2676F9

■ 8AB4F9

■ 0D67F9

■ A3C3F9

■ 005EF9

■ BCD3F9

■ D4E2F9

■ EDF2F9

■ FFFF9

Harmonies

Analogous

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



00A4F5



5895F9



B180E2

Triad

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



5895F9



E97456



00AC74

Complementary

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



5895F9



F9BC58

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.



67A545



5895F9



CB8832

Square

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



5895F9



F26885



9F9929



00AEA8

Rectangle

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



5895F9



D573C7



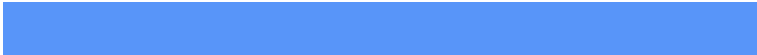
9F9929



2EAA63

Sweetspot

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



5895F9



CFE1FF



58F9BB



626D80



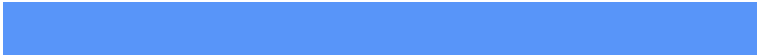
000000



808080

Same Dimension

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



5895F9



3883FF



6B58F9



70757D



0047BD



00173D

Inverse Universe

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



F95895



FF3883



E6F958



7D7075



BD0047



3D0017

Previews

White Background



This preview shows how the Hex color 5895F9 looks on a white background.

Color Contrast Check

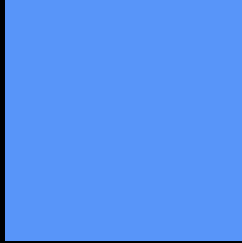
Large Text (above 18pt) WCAG AA × Fail

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 5895F9 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

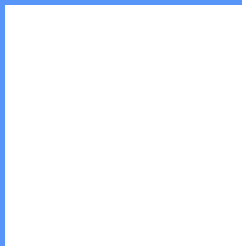
Any Text WCAG AAA ✓ Pass

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

Hex 5895F9 Background



This preview shows how black text looks on a background with the Hex color 5895F9.



This preview shows how white text looks on a background with the Hex color 5895F9.

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](#).

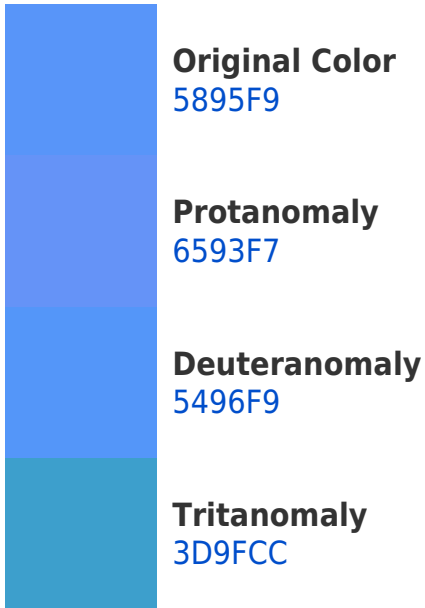
Dichromacy



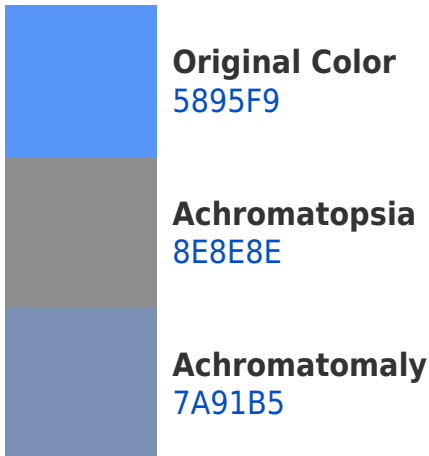


Tritanopia
2EA4B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5895F9 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 #5895F9 looks like.

```
.text, #text, p{  
    color:#5895F9  
}
```

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 #5895F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5895F9
}
```

Border

The CSS property to change the border of an element to Hex 5895F9 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
#5895F9 }
```

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

```
.border{ border-color:#5895F9 }
```

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

Here you see how a box with a 4 pixel #5895F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5895F9; -webkit-box-shadow:4px 4px  
4px 4px #5895F9; box-shadow:4px 4px 4px  
4px #5895F9 }
```

Background

The CSS property to change the background color of an element to Hex 5895F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5895F9 }
```

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

```
.background{ background-color:#5895F9 }
```

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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