

Converting Colors

Hex(5B95F9)

Have a look what the booklet for
Hex(5B95F9) contains.

Hex(5B95F9)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5B95F9)

Conversions

Conversions Part 1

Format	Color
Hex	5B95F9
RGB	91, 149, 249
RGB Percent	36%, 58%, 98%
CMY	0.6431, 0.4157, 0.0235
CMYK	0.63, 0.40, 0.00, 0.02
HSL	218°, 93%, 67%
HSV	218°, 63%, 98%
XYZ	32.1607, 30.5586, 93.8259
YIQ	143.0580, -66.6680, 18.8040

Conversions

Conversions Part 2

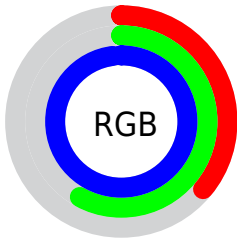
Format	Color
R _Y B	91, 133, 249
Decimal	6002169
CIE Lab	62.13, 11.64, -55.61
CIE LCh	62, 56.812, 281.818
Yxy	30.5586, 0.2054, 0.1952
Android (android.graphics.Color)	4284192249 (0xFF5B95F9)
YUV	143.0580, 52.2294, -45.6549
Hunter-Lab	55.2798, 7.1081, -61.9364

Details

The Hex color **5B95F9** 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 **F9BF5B**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **9ACBFF**, and **0063C0** is the 20% darker color. If you saturate the color by 10%, you get **4285F9**, and if you desaturate by 10%, it is **74A5F9**.

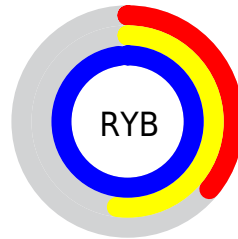
Distribution



Red (36%)

Green (58%)

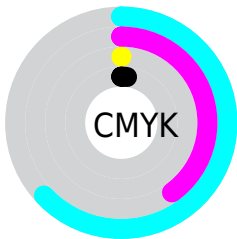
Blue (98%)



Red (36%)

Yellow (52%)

Blue (98%)

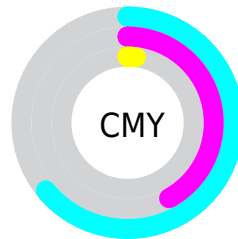


Cyan (63%)

Magenta (40%)

Yellow (0%)

Black (2%)



Cyan (64%)

Magenta (42%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B95F9 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 5B95F9 by changing the saturation by 10% instead.

 5B95F9

 5B95F9

FFFFFF

 377BDC

 9ACBFF

 0063C0

 B8E7FF

 004CA4

 D6FFFF

 00368A

 F5FFFF

 00226F

 000B56

 00063E

 000327

 000111

■ 5B95F9

■ 5B95F9

■ 4285F9

■ 74A5F9

■ 2975F9

■ 8DB5F9

■ 1066F9

■ A6C4F9

■ 005BF9

■ BFD4F9

■ D8E4F9

■ F0F4F9

■ FFFF9

Harmonies

Analogous

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



00A4F6



5B95F9



B380E2

Triad

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



5B95F9



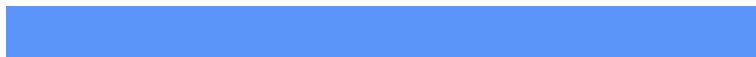
E97555



00AD75

Complementary

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



5B95F9



F9BF5B

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.



67A647



5B95F9



CA8832

Square

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



5B95F9



F36884



9E9A2A



00AFA9

Rectangle

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



5B95F9



D673C7



9E9A2A



2DAB64

Sweetspot

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



5B95F9



CFE0FF



5BF9BC



626D80



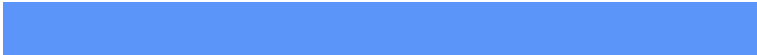
000000



808080

Same Dimension

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



5B95F9



3D84FF



6D5BF9



70757D



0045BD



00163D

Inverse Universe

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



F95B95



FF3D84



E7F95B



7D7075



BD0045



3D0016

Previews

White Background



This preview shows how the Hex color 5B95F9 looks on a white background.

Color Contrast Check

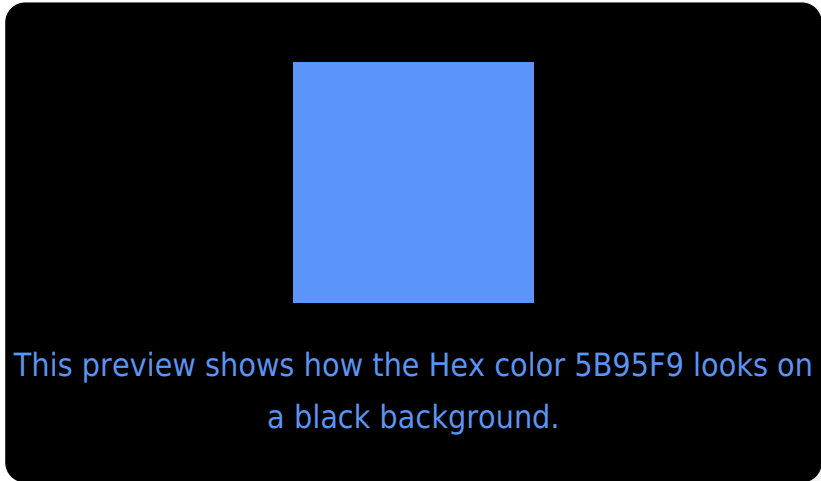
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

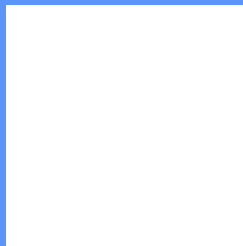
Any Text WCAG AAA ✓ Pass

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

Hex 5B95F9 Background



This preview shows how black text looks on a background with the Hex color 5B95F9.



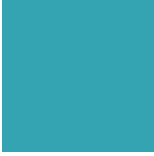
This preview shows how white text looks on a background with the Hex color 5B95F9.

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](#).

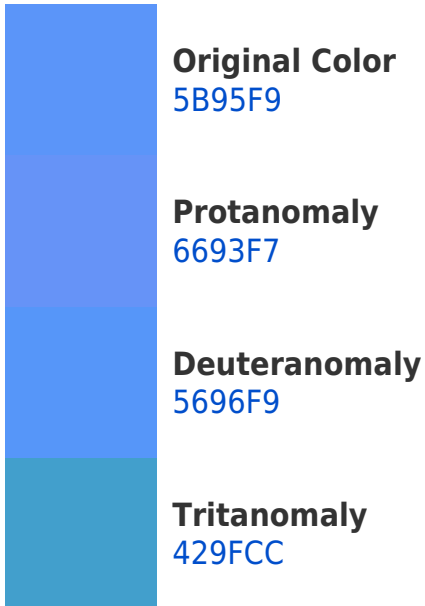
Dichromacy



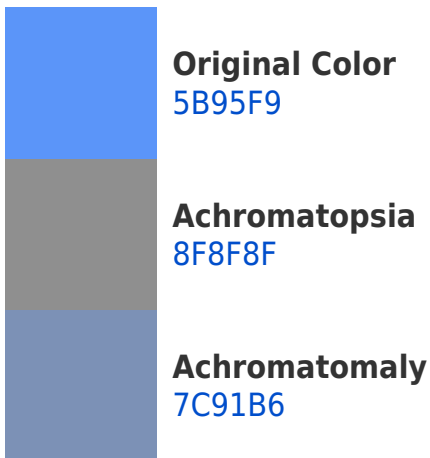


Tritanopia
34A4B2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5B95F9 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 #5B95F9 looks like.

```
.text, #text, p{  
    color:#5B95F9  
}
```

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 #5B95F9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B95F9
}
```

Border

The CSS property to change the border of an element to Hex 5B95F9 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
#5B95F9 }
```

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

```
.border{ border-color:#5B95F9 }
```

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

Here you see how a box with a 4 pixel #5B95F9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B95F9; -webkit-box-shadow:4px 4px  
4px 4px #5B95F9; box-shadow:4px 4px 4px  
4px #5B95F9 }
```

Background

The CSS property to change the background color of an element to Hex 5B95F9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B95F9 }
```

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

```
.background{ background-color:#5B95F9 }
```

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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