

Converting Colors

Hex(5B84F5)

Have a look what the booklet for
Hex(5B84F5) contains.

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Color

Hex(5B84F5)

Conversions

Conversions Part 1

Format	Color
Hex	5B84F5
RGB	91, 132, 245
RGB Percent	36%, 52%, 96%
CMY	0.6431, 0.4824, 0.0392
CMYK	0.63, 0.46, 0.00, 0.04
HSL	224°, 89%, 66%
HSV	224°, 63%, 96%
XYZ	29.0471, 25.3192, 89.7424
YIQ	132.6230, -60.7090, 26.4510

Conversions

Conversions Part 2

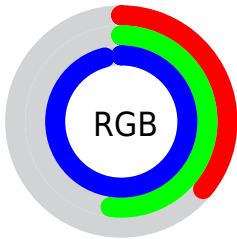
Format	Color
R_{YB}	91, 123, 245
Decimal	5997813
CIE _{Lab}	57.39, 20.47, -60.99
CIE _{LCh}	57, 64.336, 288.556
Yxy	25.3192, 0.2016, 0.1757
Android (android.graphics.Color)	4284187893 (0xFF5B84F5)
YUV	132.6230, 55.4019, -36.5034
Hunter-Lab	50.3182, 14.9853, -70.5207

Details

The Hex color **5B84F5** 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 **F5CC5B**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **99B9FF**, and **0053BC** is the 20% darker color. If you saturate the color by 10%, you get **4272F5**, and if you desaturate by 10%, it is **7396F5**.

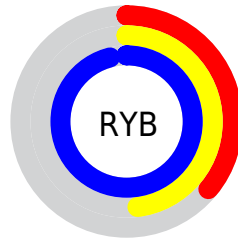
Distribution



Red (36%)

Green (52%)

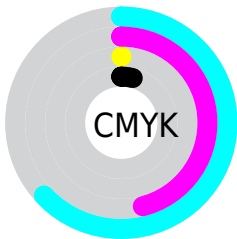
Blue (96%)



Red (36%)

Yellow (48%)

Blue (96%)

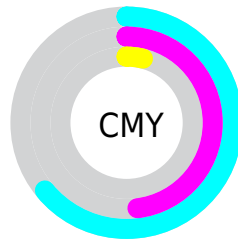


Cyan (63%)

Magenta (46%)

Yellow (0%)

Black (4%)



Cyan (64%)

Magenta (48%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B84F5 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 5B84F5 by changing the saturation by 10% instead.

 5B84F5

 5B84F5

FFFFFF

 376BD8

 99B9FF

 0053BC

 B8D4FF

 003DA0

 D6F0FF

 002886

 F5FFFF

 00166C

 000453

 00063A

 000224

 00000C

■ 5B84F5

■ 5B84F5

■ 4272F5

■ 7396F5

■ 2A60F5

■ 8CA8F5

■ 114EF5

■ A4BAF5

■ 0041F5

■ BDCCF5

■ D5DEF5

■ EEF0F5

■ FFFFF5

Harmonies

Analogous

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



0097F8



5B84F5



B76AD5

Triad

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



5B84F5



DC6836



00A272

Complementary

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



5B84F5



F5CC5B

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.



3C9D39



5B84F5



B77F01

Square

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



5B84F5



EE536A



849200



00A4AC

Rectangle

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



5B84F5



D95AB4



849200



00A15E

Sweetspot

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



5B84F5



CFDBFF



5BF5CC



626A80



000000



808080

Same Dimension

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



5B84F5



4073FF



7F5BF5



6E717A



0032BA



00103B

Inverse Universe

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



F55B84



FF4073



D1F55B



7A6E71



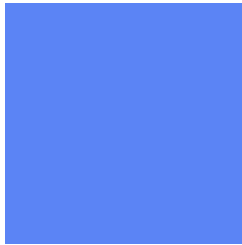
BA0032



3B0010

Previews

White Background



This preview shows how the Hex color 5B84F5 looks on a white background.

Color Contrast Check

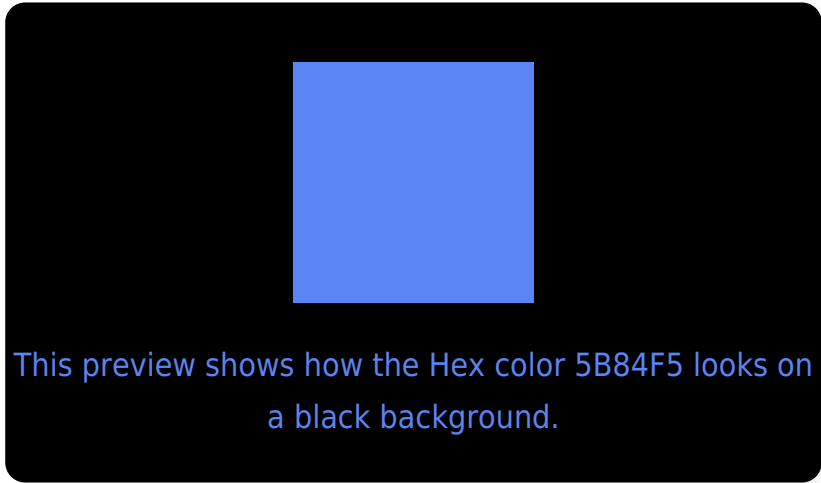
Large Text (above 18pt) WCAG AA ✓ Pass

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

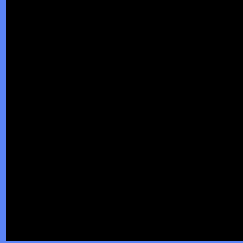
Any Text WCAG AA ✓ Pass

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 5B84F5 Background



This preview shows how black text looks on a background with the Hex color 5B84F5.



This preview shows how white text looks on a background with the Hex color 5B84F5.

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](#).

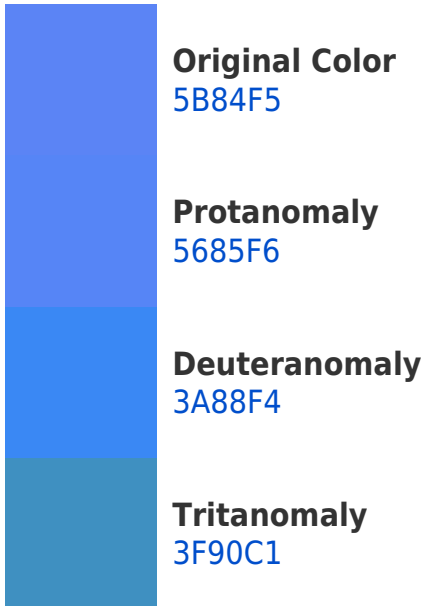
Dichromacy





Tritanopia
2F97A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5B84F5 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 #5B84F5 looks like.

```
.text, #text, p{  
    color:#5B84F5  
}
```

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 #5B84F5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B84F5
}
```

Border

The CSS property to change the border of an element to Hex 5B84F5 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
#5B84F5 }
```

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

```
.border{ border-color:#5B84F5 }
```

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

Here you see how a box with a 4 pixel #5B84F5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B84F5; -webkit-box-shadow:4px 4px  
4px 4px #5B84F5; box-shadow:4px 4px 4px  
4px #5B84F5 }
```

Background

The CSS property to change the background color of an element to Hex 5B84F5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B84F5 }
```

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

```
.background{ background-color:#5B84F5 }
```

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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