

Converting Colors

Hex(5B88F3)

Have a look what the booklet for
Hex(5B88F3) contains.

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Color

Hex(5B88F3)

Conversions

Conversions Part 1

Format	Color
Hex	5B88F3
RGB	91, 136, 243
RGB Percent	36%, 53%, 95%
CMY	0.6431, 0.4667, 0.0471
CMYK	0.63, 0.44, 0.00, 0.05
HSL	222°, 86%, 65%
HSV	222°, 63%, 95%
XYZ	29.2962, 26.3035, 88.3270
YIQ	134.7430, -61.1670, 23.7370

Conversions

Conversions Part 2

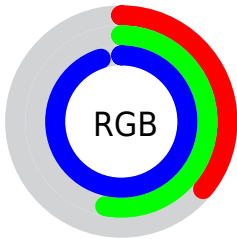
Format	Color
R_{YB}	91, 126, 243
Decimal	5998835
CIE Lab	58.32, 17.39, -58.38
CIE LCh	58, 60.916, 286.584
Yxy	26.3035, 0.2035, 0.1828
Android (android.graphics.Color)	4284188915 (0xFF5B88F3)
YUV	134.7430, 53.3707, -38.3626
Hunter-Lab	51.2870, 12.2108, -66.2091

Details

The Hex color **5B88F3** 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 **F3C65B**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **99BDFF**, and **0057BA** is the 20% darker color. If you saturate the color by 10%, you get **4377F3**, and if you desaturate by 10%, it is **7399F3**.

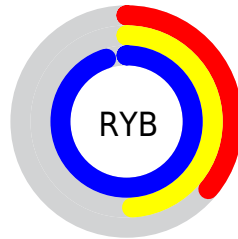
Distribution



Red (36%)

Green (53%)

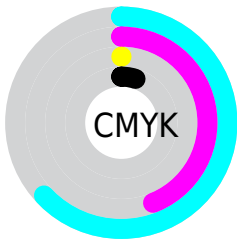
Blue (95%)



Red (36%)

Yellow (49%)

Blue (95%)

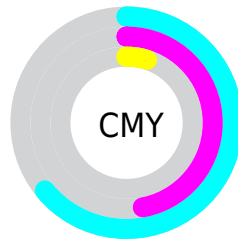


Cyan (63%)

Magenta (44%)

Yellow (0%)

Black (5%)



Cyan (64%)

Magenta (47%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B88F3 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 5B88F3 by changing the saturation by 10% instead.

 5B88F3

 5B88F3

FFFFFF

 386FD6

 99BDFF

 0057BA

 B7D8FF

 00409F

 D5F5FF

 002B84

 F4FFFF

 00196A

 000351

 000539

 000223

 000009

■ 5B88F3

■ 5B88F3

■ 4377F3

■ 7399F3

■ 2A66F3

■ 8CAAF3

■ 1255F3

■ A4BBF3

■ 0048F3

■ BCCCF3

■ D4DEF3

■ EDEFF3

■ FFFFF3

Harmonies

Analogous

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



0099F4



5B88F3



B471D6

Triad

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



5B88F3



DD6B40



00A472

Complementary

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



5B88F3



F3C65B

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.



4B9E3E



5B88F3



BB8118

Square

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



5B88F3



EC5971



8B9314



00A5A9

Rectangle

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



5B88F3



D562B8



8B9314



00A260

Sweetspot

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



5B88F3



CFDDFF



5BF3C5



626B80



000000



808080

Same Dimension

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



5B88F3



4078FF



795BF3



6E727A



0037BA



00113B

Inverse Universe

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



F35B88



FF4078



D5F35B



7A6E72



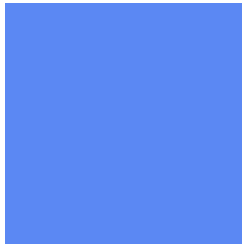
BA0037



3B0011

Previews

White Background



This preview shows how the Hex color 5B88F3 looks on a white background.

Color Contrast Check

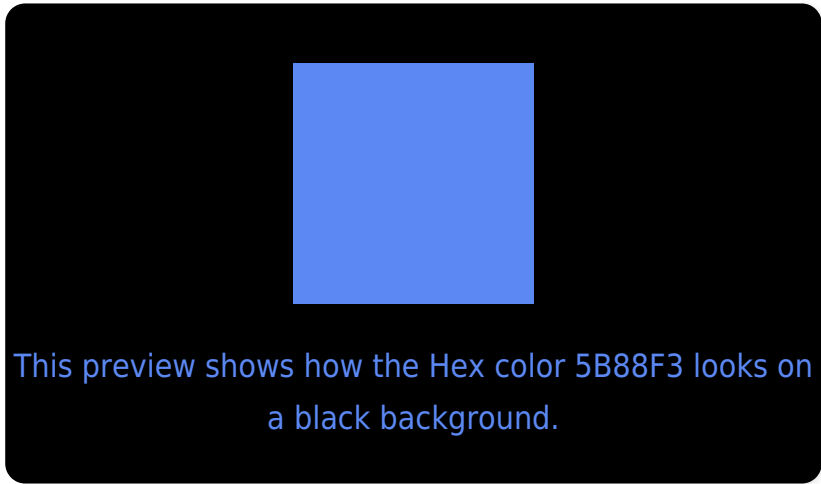
Large Text (above 18pt) WCAG AA ✓ Pass

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

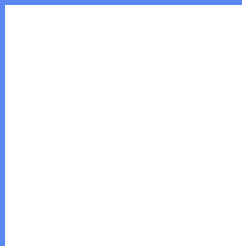
Any Text WCAG AAA × Fail

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

Hex 5B88F3 Background



This preview shows how black text looks on a background with the Hex color 5B88F3.

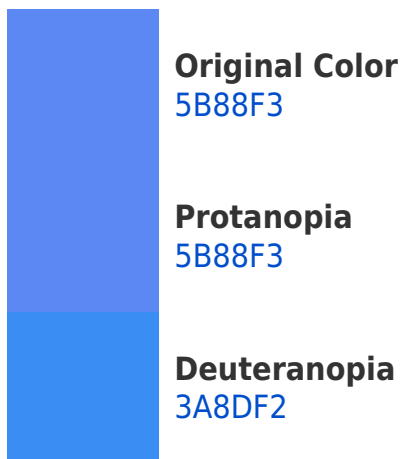


This preview shows how white text looks on a background with the Hex color 5B88F3.

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](#).

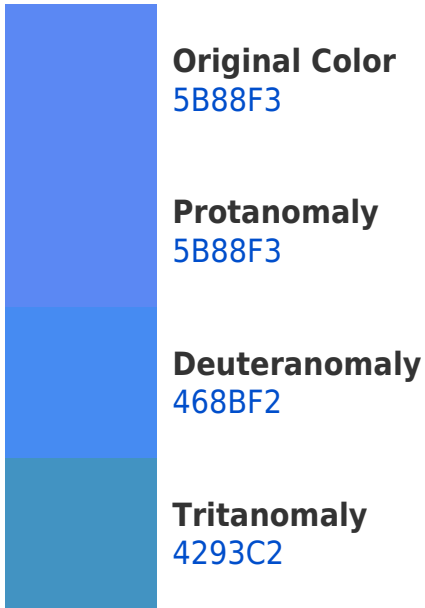
Dichromacy





Tritanopia
3399A6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5B88F3 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 #5B88F3 looks like.

```
.text, #text, p{  
    color:#5B88F3  
}
```

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 #5B88F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B88F3
}
```

Border

The CSS property to change the border of an element to Hex 5B88F3 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
#5B88F3 }
```

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

```
.border{ border-color:#5B88F3 }
```

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

Here you see how a box with a 4 pixel #5B88F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B88F3; -webkit-box-shadow:4px 4px  
4px 4px #5B88F3; box-shadow:4px 4px 4px  
4px #5B88F3 }
```

Background

The CSS property to change the background color of an element to Hex 5B88F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B88F3 }
```

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

```
.background{ background-color:#5B88F3 }
```

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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