

Converting Colors

Hex(5B83FF)

Have a look what the booklet for
Hex(5B83FF) contains.

Hex(5B83FF)	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(5B83FF)

Conversions

Conversions Part 1

Format	Color
Hex	5B83FF
RGB	91, 131, 255
RGB Percent	36%, 51%, 100%
CMY	0.6431, 0.4863, 0.0000
CMYK	0.64, 0.49, 0.00, 0.00
HSL	225°, 100%, 68%
HSV	225°, 64%, 100%
XYZ	30.4807, 25.6767, 97.9573
YIQ	133.1760, -63.6440, 30.0840

Conversions

Conversions Part 2

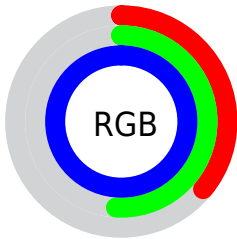
Format	Color
R _Y B	91, 123, 255
Decimal	5997567
CIE Lab	57.73, 24.44, -65.95
CIE LCh	58, 70.338, 290.336
Yxy	25.6767, 0.1978, 0.1666
Android (android.graphics.Color)	4284187647 (0xFF5B83FF)
YUV	133.1760, 60.0592, -36.9884
Hunter-Lab	50.6722, 18.6961, -79.1463

Details

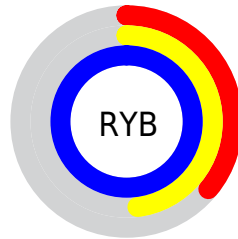
The Hex color **5B83FF** is a light color, and the websafe version is hex **3366CC**. The color can be described as light muted azure. A complement of this color would be **FFD75B**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **9BB8FF**, and **0052C5** is the 20% darker color. If you saturate the color by 10%, you get **4270FF**, and if you desaturate by 10%, it is **7596FF**.

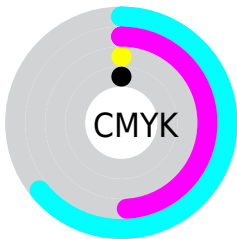
Distribution



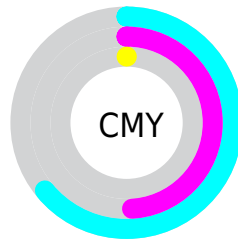
- Red (36%)
- Green (51%)
- Blue (100%)



- Red (36%)
- Yellow (48%)
- Blue (100%)



- Cyan (64%)
- Magenta (49%)
- Yellow (0%)
- Black (0%)



- Cyan (64%)
- Magenta (49%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B83FF 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 5B83FF by changing the saturation by 10% instead.

 5B83FF

 5B83FF

FFFFFF

 356AE2

 9BB8FF

 0052C5

 BAD3FF

 003CAA

 D8EFFF

 00288E

 F7FFFF

 001674

 00025B

 000742

 00032B

 000115

■ 5B83FF

■ 5B83FF

■ 4270FF

■ 7596FF

■ 285CFF

■ 8EAAFF

■ 0F49FF

■ A8BDFF

■ 003EFF

■ C1D0FF

■ DBE3FF

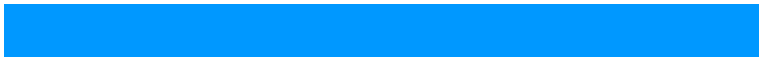
■ F4F7FF

FFFFFF

Harmonies

Analogous

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



0098FF



5B83FF



C065DA

Triad

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



5B83FF



E1662B



00A574

Complementary

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



5B83FF



FFD75B

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.



26A035



5B83FF



B78100

Square

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



5B83FF



F64C64



7F9400



00A6B4

Rectangle

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



5B83FF



E352B5



7F9400



00A45F

Sweetspot

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



5B83FF



CFDAFF



5BFFD6



626980



000000



808080

Same Dimension

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



5B83FF



3B6BFF



845BFF



737680



002FBF



001040

Inverse Universe

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



FF5B83



FF3B6B



D6FF5B



807376



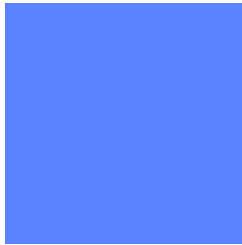
BF002F



400010

Previews

White Background



This preview shows how the Hex color 5B83FF looks on a white background.

Color Contrast Check

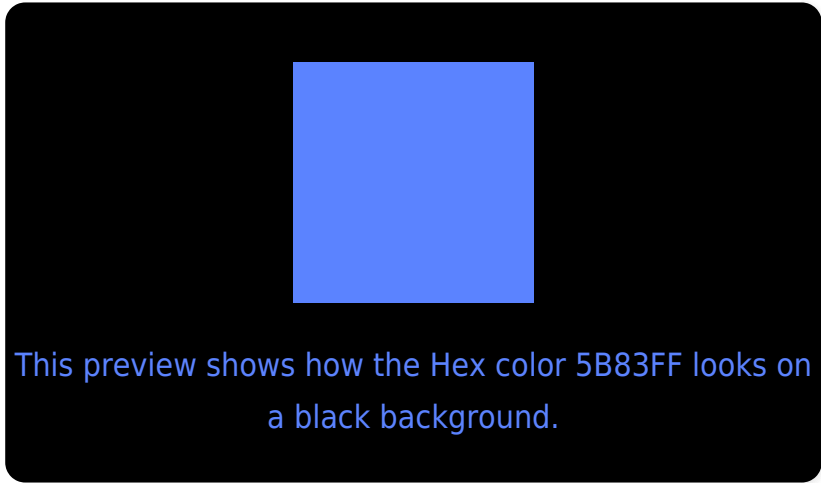
Large Text (above 18pt) WCAG AA ✓ Pass

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

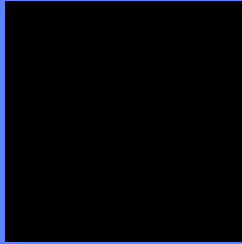
Any Text WCAG AA ✓ Pass

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 5B83FF Background



This preview shows how black text looks on a background with the Hex color 5B83FF.



This preview shows how white text looks on a background with the Hex color 5B83FF.

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](#).

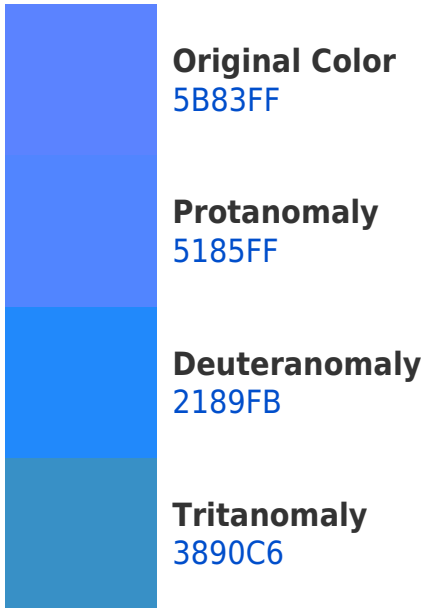
Dichromacy





Tritanopia
2498A5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5B83FF 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 #5B83FF looks like.

```
.text, #text, p{  
  color:#5B83FF  
}
```

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 #5B83FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B83FF
}
```

Border

The CSS property to change the border of an element to Hex 5B83FF 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
#5B83FF }
```

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

```
.border{ border-color:#5B83FF }
```

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

Here you see how a box with a 4 pixel #5B83FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B83FF; -webkit-box-shadow:4px 4px  
4px 4px #5B83FF; box-shadow:4px 4px 4px  
4px #5B83FF }
```

Background

The CSS property to change the background color of an element to Hex 5B83FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B83FF }
```

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

```
.background{ background-color:#5B83FF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor