

Converting Colors

Hex(5B83C6)

Have a look what the booklet for
Hex(5B83C6) contains.

Hex(5B83C6)	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(5B83C6)

Conversions

Conversions Part 1

Format	Color
Hex	5B83C6
RGB	91, 131, 198
RGB Percent	36%, 51%, 78%
CMY	0.6431, 0.4863, 0.2235
CMYK	0.54, 0.34, 0.00, 0.22
HSL	218°, 48%, 57%
HSV	218°, 54%, 78%
XYZ	22.6237, 22.5340, 56.5832
YIQ	126.6780, -45.3470, 12.3570

Conversions

Conversions Part 2

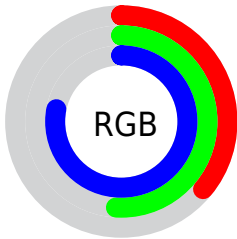
Format	Color
R_{YB}	91, 120, 198
Decimal	5997510
CIE _{Lab}	54.59, 5.61, -39.09
CIE _{LCh}	55, 39.490, 278.162
Yxy	22.5340, 0.2224, 0.2215
Android (android.graphics.Color)	4284187590 (0xFF5B83C6)
YUV	126.6780, 35.1617, -31.2896
Hunter-Lab	47.4700, 1.9990, -37.4435

Details

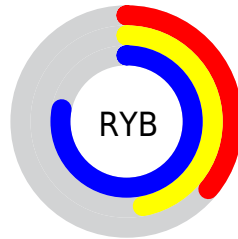
The Hex color **5B83C6** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **C69E5B**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **93B8FF**, and **1C5290** is the 20% darker color. If you saturate the color by 10%, you get **4777C6**, and if you desaturate by 10%, it is **6F8FC6**.

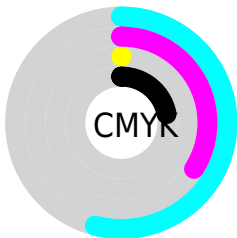
Distribution



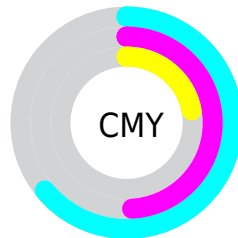
- Red (36%)
- Green (51%)
- Blue (78%)



- Red (36%)
- Yellow (47%)
- Blue (78%)



- Cyan (54%)
- Magenta (34%)
- Yellow (0%)
- Black (22%)



- Cyan (64%)
- Magenta (49%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B83C6 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 5B83C6 by changing the saturation by 10% instead.

■ 5B83C6

■ 5B83C6

FFFFFF

■ 3E6AAA

■ 93B8FF

■ 1C5290

■ B0D3FF

■ 003B76

■ CDF0FF

■ 00265D

■ EAFFFF

■ 001245

■ 00042E

■ 000118

■ 000000

■ 5B83C6

■ 5B83C6

■ 4777C6

■ 6F8FC6

■ 336AC6

■ 839CC6

■ 205EC6

■ 96A8C6

■ 0C51C6

■ AAB5C6

■ 004AC6

■ BEC1C6

■ D2CDC6

■ E6DAC6

■ F9E6C6

■ FFF3C6

Harmonies

Analogous

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



008DC1



5B83C6



9276B8

Triad

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



5B83C6



BF6C5A



3A9268

Complementary

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



5B83C6



C69E5B

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.



6A8D4B



5B83C6



AC7843

Square

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



5B83C6



C3667A



8E843D



00948B

Rectangle

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



5B83C6



AB6EA7



8E843D



4C915D

Sweetspot

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



5B83C6



D6E5FF



5BC69D



677080



000000



808080

Same Dimension

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



5B83C6



5997FF



675BC6



5A5D63



003DA3



000D24

Inverse Universe

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



C65B83



FF5997



BAC65B



635A5D



A3003D



24000D

Previews

White Background



This preview shows how the Hex color 5B83C6 looks on a white background.

Color Contrast Check

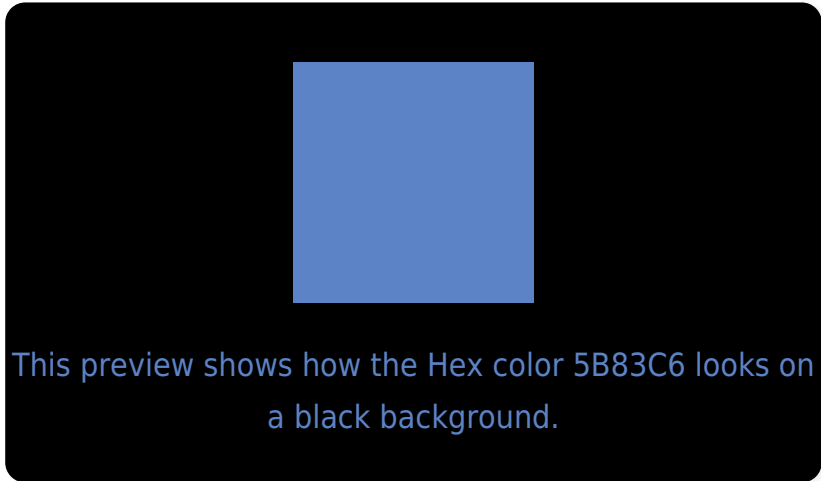
Large Text (above 18pt) WCAG AA ✓ Pass

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

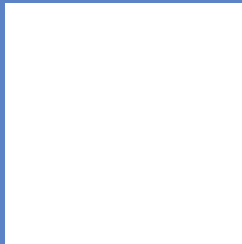
Any Text WCAG AAA × Fail

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

Hex 5B83C6 Background



This preview shows how black text looks on a background with the Hex color 5B83C6.



This preview shows how white text looks on a background with the Hex color 5B83C6.

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](#).

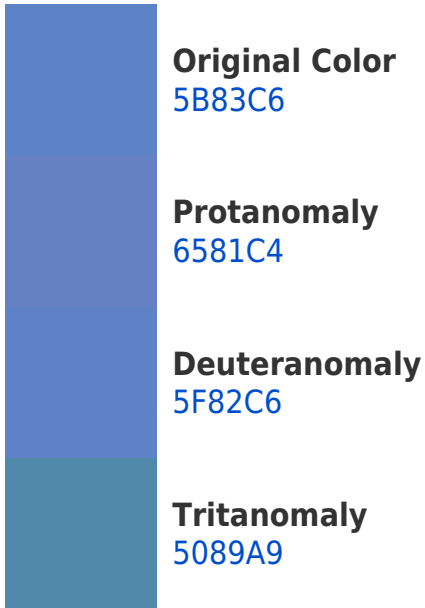
Dichromacy



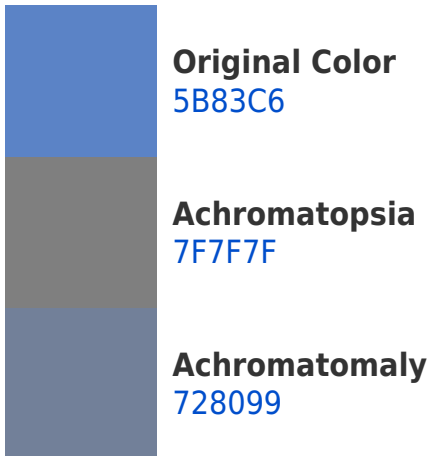


Tritanopia
4A8C98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5B83C6 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 #5B83C6 looks like.

```
.text, #text, p{  
    color:#5B83C6  
}
```

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 #5B83C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B83C6
}
```

Border

The CSS property to change the border of an element to Hex 5B83C6 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
#5B83C6 }
```

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

```
.border{ border-color:#5B83C6 }
```

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

Here you see how a box with a 4 pixel #5B83C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B83C6; -webkit-box-shadow:4px 4px  
4px 4px #5B83C6; box-shadow:4px 4px 4px  
4px #5B83C6 }
```

Background

The CSS property to change the background color of an element to Hex 5B83C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B83C6 }
```

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

```
.background{ background-color:#5B83C6 }
```

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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