

Converting Colors

Hex(5F83CA)

Have a look what the booklet for
Hex(5F83CA) contains.

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Color

Hex(5F83CA)

Conversions

Conversions Part 1

Format	Color
Hex	5F83CA
RGB	95, 131, 202
RGB Percent	37%, 51%, 79%
CMY	0.6275, 0.4863, 0.2078
CMYK	0.53, 0.35, 0.00, 0.21
HSL	220°, 50%, 58%
HSV	220°, 53%, 79%
XYZ	23.4963, 22.9298, 59.0646
YIQ	128.3300, -44.2470, 14.4490

Conversions

Conversions Part 2

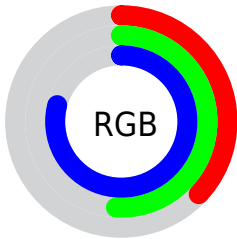
Format	Color
R _Y B	95, 122, 202
Decimal	6259658
CIE Lab	55.00, 7.77, -40.70
CIE LCh	55, 41.433, 280.807
Yxy	22.9298, 0.2227, 0.2174
Android (android.graphics.Color)	4284449738 (0xFF5F83CA)
YUV	128.3300, 36.3193, -29.2304
Hunter-Lab	47.8850, 3.7878, -39.6127

Details

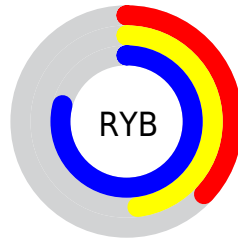
The Hex color **5F83CA** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **CAA65F**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **97B8FF**, and **215293** is the 20% darker color. If you saturate the color by 10%, you get **4B76CA**, and if you desaturate by 10%, it is **7390CA**.

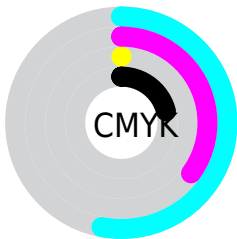
Distribution



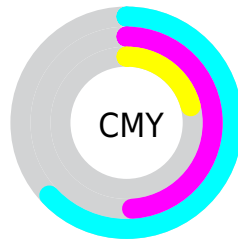
- Red (37%)
- Green (51%)
- Blue (79%)



- Red (37%)
- Yellow (48%)
- Blue (79%)



- Cyan (53%)
- Magenta (35%)
- Yellow (0%)
- Black (21%)



- Cyan (63%)
- Magenta (49%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F83CA 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 5F83CA by changing the saturation by 10% instead.

■ 5F83CA

■ 5F83CA

FFFFFF

■ 426AAE

■ 97B8FF

■ 215293

■ B4D3FF

■ 003B79

■ D1F0FF

■ 002660

■ EEEFFF

■ 001248

■ 000431

■ 00011B

■ 000000

■ 5F83CA

■ 5F83CA

■ 4B76CA

■ 7390CA

■ 3768CA

■ 879ECA

■ 225BCA

■ 9CABCA

■ 0E4DCA

■ B0B9CA

■ 0044CA

■ C4C6CA

■ D8D3CA

■ ECE1CA

■ FFEECA

■ FFFCCA

Harmonies

Analogous

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



008EC7



5F83CA



9775BA

Triad

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



5F83CA



C16D56



2F946B

Complementary

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



5F83CA



CAA65F

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.



658F4B



5F83CA



AC793F

Square

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



5F83CA



C76678



8D863A



009690

Rectangle

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



5F83CA



B16CA7



8D863A



45935F

Sweetspot

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



5F83CA



D6E4FF



5FCAA5



676F80



000000



808080

Same Dimension

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



5F83CA



5C93FF



6F5FCA



5C5F66



0038A6



000D26

Inverse Universe

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



CA5F83



FF5C93



BACA5F



665C5F



A60038



26000D

Previews

White Background



This preview shows how the Hex color 5F83CA looks on a white background.

Color Contrast Check

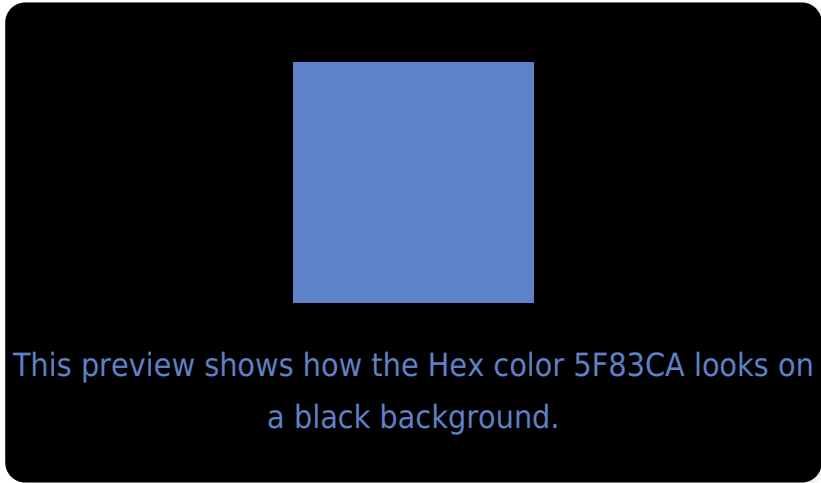
Large Text (above 18pt) WCAG AA ✓ Pass

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

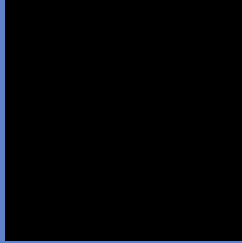
Any Text WCAG AA ✓ Pass

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 5F83CA Background



This preview shows how black text looks on a background with the Hex color 5F83CA.

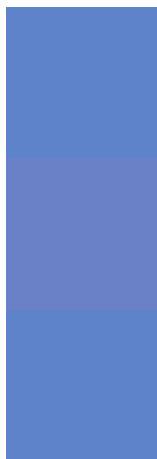


This preview shows how white text looks on a background with the Hex color 5F83CA.

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



Original Color
5F83CA

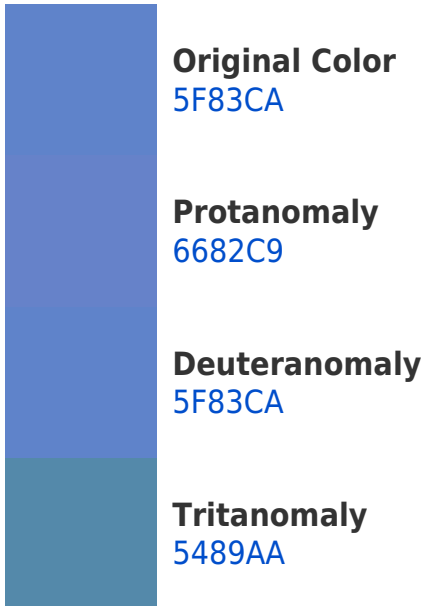
Protanopia
6A81C8

Deuteranopia
5F83CA

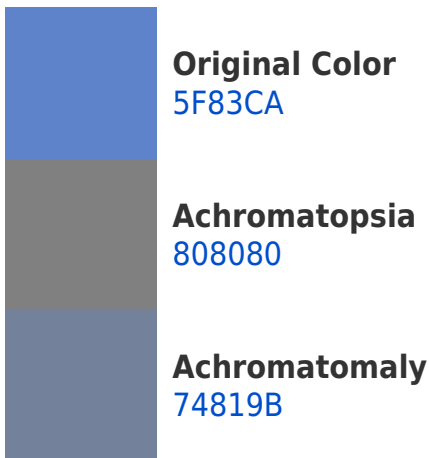


Tritanopia
4E8D98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5F83CA 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 #5F83CA looks like.

```
.text, #text, p{  
    color:#5F83CA  
}
```

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 #5F83CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F83CA
}
```

Border

The CSS property to change the border of an element to Hex 5F83CA 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
#5F83CA }
```

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

```
.border{ border-color:#5F83CA }
```

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

Here you see how a box with a 4 pixel #5F83CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F83CA; -webkit-box-shadow:4px 4px  
4px 4px #5F83CA; box-shadow:4px 4px 4px  
4px #5F83CA }
```

Background

The CSS property to change the background color of an element to Hex 5F83CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F83CA }
```

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

```
.background{ background-color:#5F83CA }
```

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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