

Converting Colors

Hex(5F86CB)

Have a look what the booklet for
Hex(5F86CB) contains.

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Color

Hex(5F86CB)

Conversions

Conversions Part 1

Format	Color
Hex	5F86CB
RGB	95, 134, 203
RGB Percent	37%, 53%, 80%
CMY	0.6275, 0.4745, 0.2039
CMYK	0.53, 0.34, 0.00, 0.20
HSL	218°, 51%, 58%
HSV	218°, 53%, 80%
XYZ	24.0239, 23.7949, 59.8266
YIQ	130.2050, -45.3930, 13.1910

Conversions

Conversions Part 2

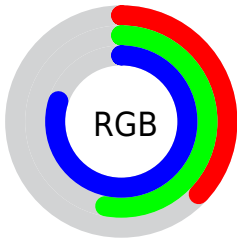
Format	Color
R _Y B	95, 124, 203
Decimal	6260427
CIE Lab	55.88, 6.30, -39.88
CIE LCh	56, 40.371, 278.976
Yxy	23.7949, 0.2232, 0.2210
Android (android.graphics.Color)	4284450507 (0xFF5F86CB)
YUV	130.2050, 35.8879, -30.8748
Hunter-Lab	48.7800, 2.5453, -38.5706

Details

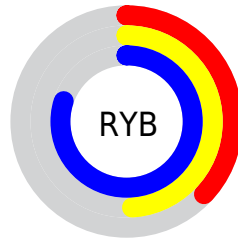
The Hex color **5F86CB** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **CBA45F**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **98BBFF**, and **215594** is the 20% darker color. If you saturate the color by 10%, you get **4B79CB**, and if you desaturate by 10%, it is **7393CB**.

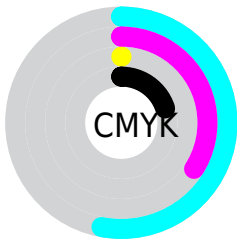
Distribution



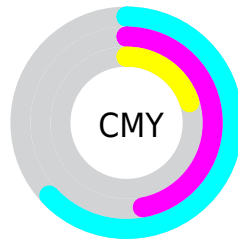
- Red (37%)
- Green (53%)
- Blue (80%)



- Red (37%)
- Yellow (49%)
- Blue (80%)



- Cyan (53%)
- Magenta (34%)
- Yellow (0%)
- Black (20%)



- Cyan (63%)
- Magenta (47%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F86CB 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 5F86CB by changing the saturation by 10% instead.

■ 5F86CB

■ 5F86CB

FFFFFF

■ 426DAF

■ 98BBFF

■ 215594

■ B4D7FF

■ 003E7A

■ D1F3FF

■ 002961

■ EFFFFFF

■ 001549

■ 000432

■ 00011C

■ 000000

■ 5F86CB

■ 5F86CB

■ 4B79CB

■ 7393CB

■ 366CCB

■ 88A0CB

■ 225FCB

■ 9CADCB

■ 0E52CB

■ B0BACB

■ 0049CB

■ C5C7CB

■ D9D4CB

■ EDE1CB

■ FFEECB

■ FFFBCB

Harmonies

Analogous

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



0090C7



5F86CB



9779BD

Triad

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



5F86CB



C36F5C



3A966C

Complementary

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



5F86CB



CBA45F

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.



6B914E



5F86CB



AF7B44

Square

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



5F86CB



C8697D



91873E



009890

Rectangle

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



5F86CB



B070AB



91873E



4D9560

Sweetspot

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



5F86CB



D6E5FF



5FCBA3



677080



000000



808080

Same Dimension

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



5F86CB



5C97FF



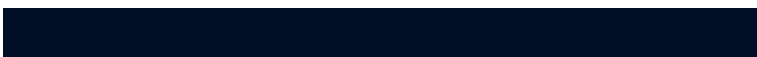
6D5FCB



5C5F66



003CA6



000E26

Inverse Universe

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



CB5F86



FF5C97



BDCB5F



665C5F



A6003C



26000E

Previews

White Background



This preview shows how the Hex color 5F86CB looks on a white background.

Color Contrast Check

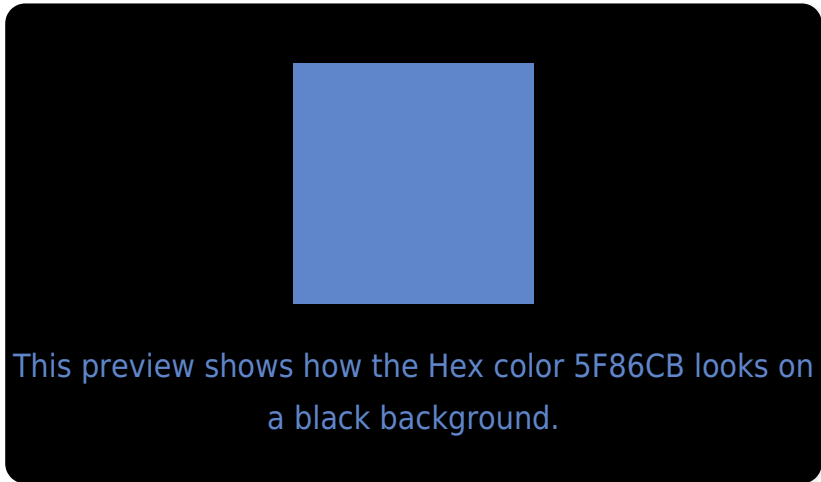
Large Text (above 18pt) WCAG AA ✓ Pass

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

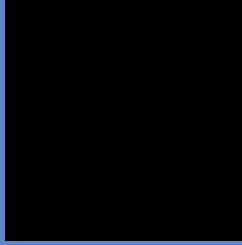
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

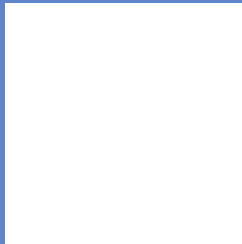
Any Text WCAG AAA × Fail

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

Hex 5F86CB Background



This preview shows how black text looks on a background with the Hex color 5F86CB.

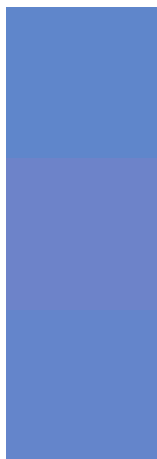


This preview shows how white text looks on a background with the Hex color 5F86CB.

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
5F86CB

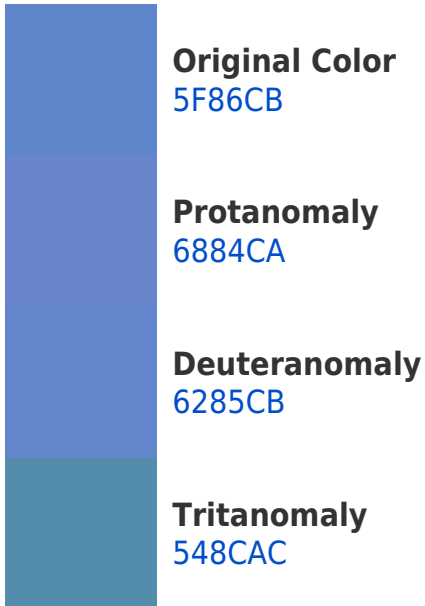
Protanopia
6D83C9

Deuteranopia
6485CB



Tritanopia
4E909B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5F86CB 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 #5F86CB looks like.

```
.text, #text, p{  
    color:#5F86CB  
}
```

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 #5F86CB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F86CB  
}
```

Border

The CSS property to change the border of an element to Hex 5F86CB 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  
#5F86CB }
```

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

```
.border{ border-color:#5F86CB }
```

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

Here you see how a box with a 4 pixel #5F86CB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F86CB; -webkit-box-shadow:4px 4px  
4px 4px #5F86CB; box-shadow:4px 4px 4px  
4px #5F86CB }
```

Background

The CSS property to change the background color of an element to Hex 5F86CB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F86CB }
```

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

```
.background{ background-color:#5F86CB }
```

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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