

Converting Colors

Hex(5F82BE)

Have a look what the booklet for
Hex(5F82BE) contains.

Hex(5F82BE)	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(5F82BE)

Conversions

Conversions Part 1

Format	Color
Hex	5F82BE
RGB	95, 130, 190
RGB Percent	37%, 51%, 75%
CMY	0.6275, 0.4902, 0.2549
CMYK	0.50, 0.32, 0.00, 0.25
HSL	218°, 42%, 56%
HSV	218°, 50%, 75%
XYZ	21.9962, 22.1159, 51.8247
YIQ	126.3750, -40.1200, 11.2400

Conversions

Conversions Part 2

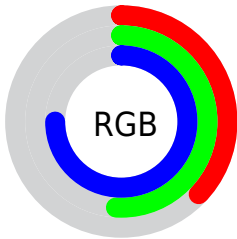
Format	Color
R_{YB}	95, 121, 190
Decimal	6259390
CIE Lab	54.15, 4.61, -35.21
CIE LCh	54, 35.507, 277.457
Yxy	22.1159, 0.2293, 0.2305
Android (android.graphics.Color)	4284449470 (0xFF5F82BE)
YUV	126.3750, 31.3671, -27.5159
Hunter-Lab	47.0275, 1.1918, -32.4188

Details

The Hex color **5F82BE** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **BE9B5F**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **96B7F7**, and **255188** is the 20% darker color. If you saturate the color by 10%, you get **4C76BE**, and if you desaturate by 10%, it is **728EBE**.

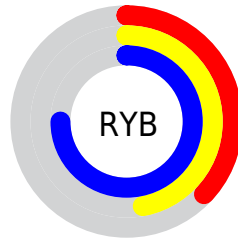
Distribution



Red (37%)

Green (51%)

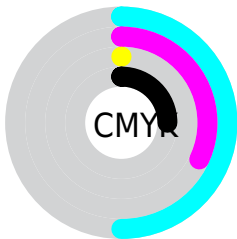
Blue (75%)



Red (37%)

Yellow (47%)

Blue (75%)

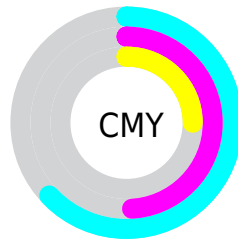


Cyan (50%)

Magenta (32%)

Yellow (0%)

Black (25%)



Cyan (63%)

Magenta (49%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F82BE 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 5F82BE by changing the saturation by 10% instead.

■ 5F82BE

■ 5F82BE

FFFFFF

■ 4369A3

■ 96B7F7

■ 255188

■ B2D2FF

■ 003A6F

■ CFEEFF

■ 002556

■ ECFFFF

■ 00103E

■ 000328

■ 000111

■ 000000

■ 5F82BE

■ 5F82BE

■ 4C76BE

■ 728EBE

■ 396ABE

■ 859ABE

■ 265EBE

■ 98A6BE

■ 1352BE

■ ABB2BE

■ 0046BE

■ BEBEBE

■ D1CABE

■ E4D6BE

■ F7E2BE

■ FFEEBE

Harmonies

Analogous

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



138BB9



5F82BE



8F77B2

Triad

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



5F82BE



B96D5E



459069

Complementary

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



5F82BE



BE9B5F

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.



6C8B4F



5F82BE



A87849

Square

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



5F82BE



BC697B



8D8243



009288

Rectangle

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



5F82BE



A56FA3



8D8243



538E5F

Sweetspot

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



5F82BE



D2E0F7



5FBE9A



666F7D



FCFCFC



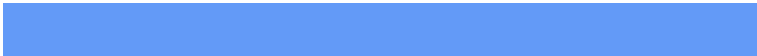
7D7D7D

Same Dimension

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



5F82BE



639AF7



6A5FBE



55585E



003A9E



000B1F

Inverse Universe

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



BE5F82



F7639A



B3BE5F



5E5558



9E003A



1F000B

Previews

White Background



This preview shows how the Hex color 5F82BE looks on a white background.

Color Contrast Check

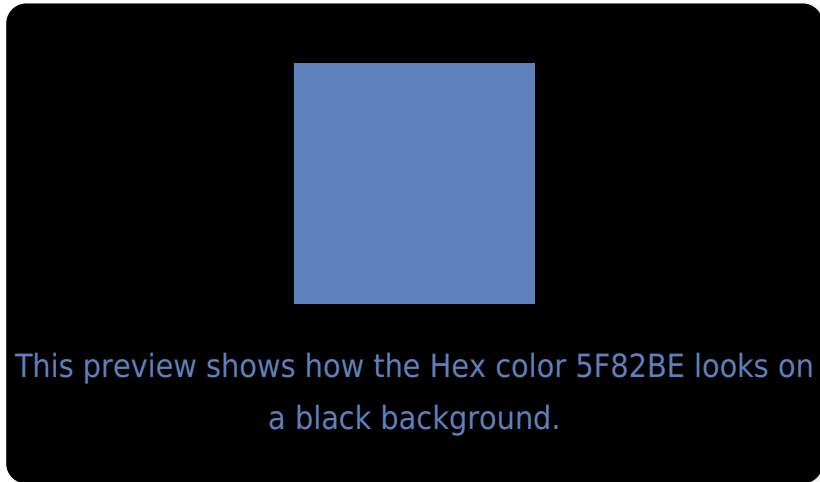
Large Text (above 18pt) WCAG AA ✓ Pass

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

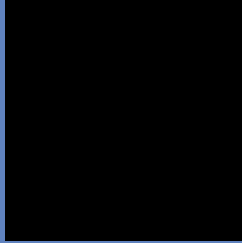
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

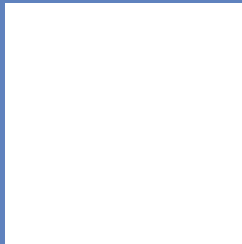
Any Text WCAG AAA × Fail

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

Hex 5F82BE Background



This preview shows how black text looks on a background with the Hex color 5F82BE.

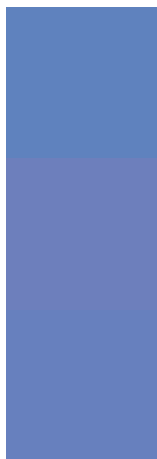


This preview shows how white text looks on a background with the Hex color 5F82BE.

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](#).

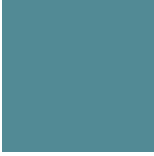
Dichromacy



Original Color
5F82BE

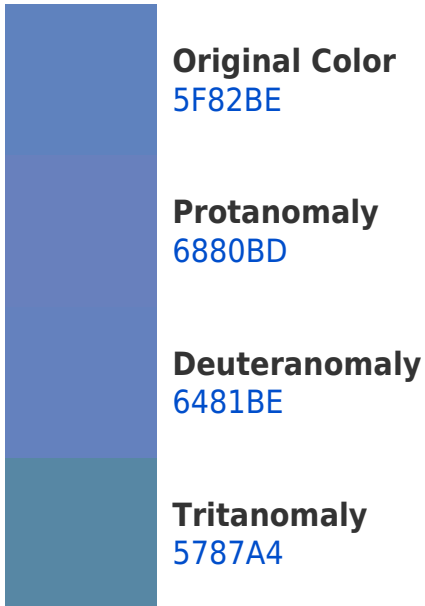
Protanopia
6D7FBC

Deuteranopia
6780BE



Tritanopia
528A95

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5F82BE 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 #5F82BE looks like.

```
.text, #text, p{  
    color:#5F82BE  
}
```

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 #5F82BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F82BE
}
```

Border

The CSS property to change the border of an element to Hex 5F82BE 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
#5F82BE }
```

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

```
.border{ border-color:#5F82BE }
```

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

Here you see how a box with a 4 pixel #5F82BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F82BE; -webkit-box-shadow:4px 4px  
4px 4px #5F82BE; box-shadow:4px 4px 4px  
4px #5F82BE }
```

Background

The CSS property to change the background color of an element to Hex 5F82BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F82BE }
```

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

```
.background{ background-color:#5F82BE }
```

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