

Converting Colors

Hex(5977BF)

Have a look what the booklet for
Hex(5977BF) contains.

Hex(5977BF)	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(5977BF)

Conversions

Conversions Part 1

Format	Color
Hex	5977BF
RGB	89, 119, 191
RGB Percent	35%, 47%, 75%
CMY	0.6510, 0.5333, 0.2510
CMYK	0.53, 0.38, 0.00, 0.25
HSL	222°, 44%, 55%
HSV	222°, 53%, 75%
XYZ	20.1206, 19.0791, 51.9124
YIQ	118.2380, -40.9920, 16.0320

Conversions

Conversions Part 2

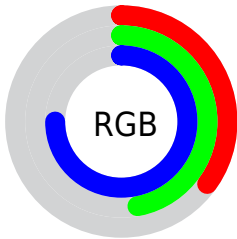
Format	Color
R _Y B	89, 112, 191
Decimal	5863359
CIE Lab	50.78, 10.15, -41.11
CIE LCh	51, 42.340, 283.869
Yxy	19.0791, 0.2208, 0.2094
Android (android.graphics.Color)	4284053439 (0xFF5977BF)
YUV	118.2380, 35.8717, -25.6417
Hunter-Lab	43.6796, 5.7851, -39.8893

Details

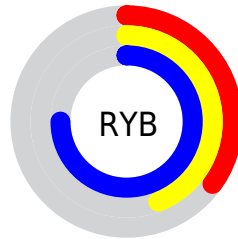
The Hex color **5977BF** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **BFA159**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **91ABF8**, and **1B4789** is the 20% darker color. If you saturate the color by 10%, you get **466ABF**, and if you desaturate by 10%, it is **6C84BF**.

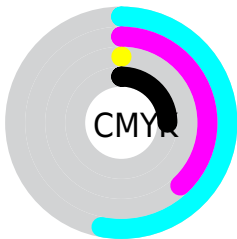
Distribution



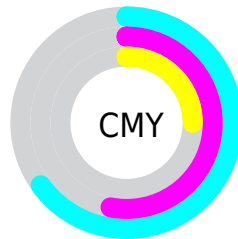
- Red (35%)
- Green (47%)
- Blue (75%)



- Red (35%)
- Yellow (44%)
- Blue (75%)



- Cyan (53%)
- Magenta (38%)
- Yellow (0%)
- Black (25%)



- Cyan (65%)
- Magenta (53%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5977BF 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 5977BF by changing the saturation by 10% instead.

■ 5977BF

■ 5977BF

FFFFFF

■ 3C5EA4

■ 91ABF8

■ 1B4789

■ ADC6FF

■ 00316F

■ CAE2FF

■ 001D56

■ E7FFFF

■ 00013F

■ 000328

■ 000112

■ 000000

■ 5977BF

■ 5977BF

■ 466ABF

■ 6C84BF

■ 335CBF

■ 7F92BF

■ 204FBF

■ 929FBF

■ 0D41BF

■ A5ADBFBF

■ 0038BF

■ B9BABFBF

■ CCC8BF

■ DFD5BF

■ F2E3BF

■ FFF0BF

Harmonies

Analogous

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



0082BE



5977BF



9169AD

Triad

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



5977BF



B46348



0C8A64

Complementary

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



5977BF



BFA159

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.



558543



5977BF



9E7032

Square

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



5977BF



BC5A69



7D7C2F



008B89

Rectangle

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



5977BF



A96099



7D7C2F



308858

Sweetspot

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



5977BF



D0DBF7



59BFA0



656C7D



FCFCFC



7D7D7D

Same Dimension

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



5977BF



5988F7



6D59BF



55585E



002E9E



00091F

Inverse Universe

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



BF5977



F75988



ABBF59



5E5558



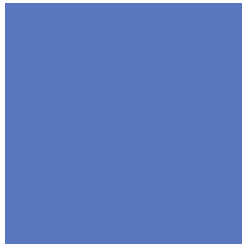
9E002E



1F0009

Previews

White Background



This preview shows how the Hex color 5977BF looks on a white background.

Color Contrast Check

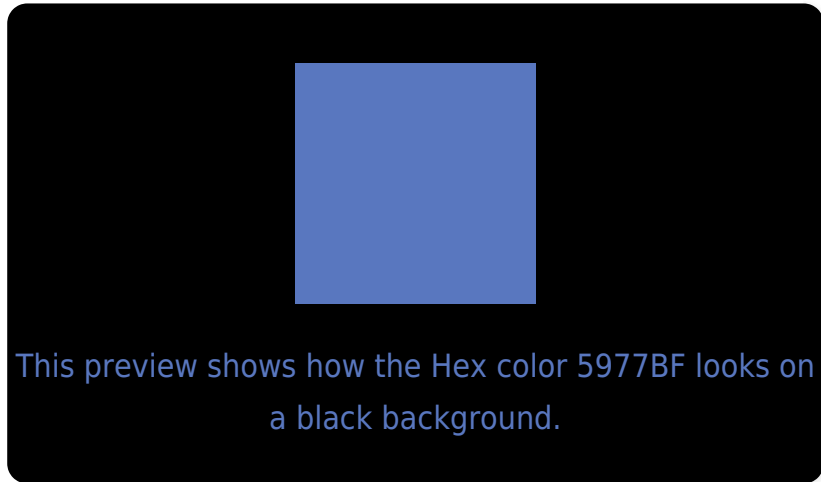
Large Text (above 18pt) WCAG AA ✓ Pass

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

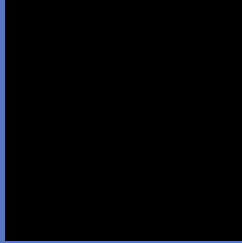
Any Text WCAG AA ✓ Pass

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 5977BF Background



This preview shows how black text looks on a background with the Hex color 5977BF.

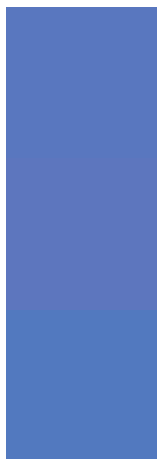


This preview shows how white text looks on a background with the Hex color 5977BF.

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
5977BF

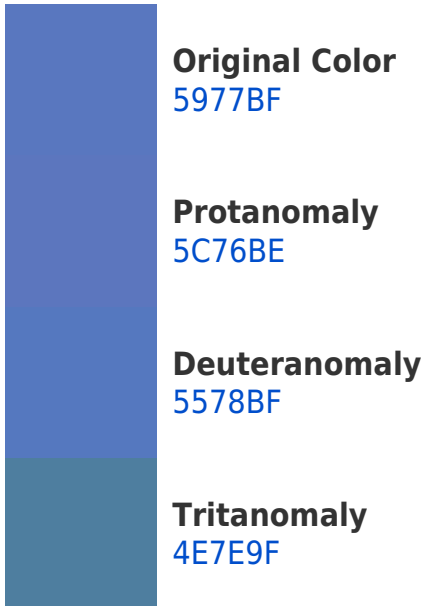
Protanopia
5D76BE

Deuteranopia
5279BF



Tritanopia
47828C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5977BF 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 #5977BF looks like.

```
.text, #text, p{  
    color:#5977BF  
}
```

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 #5977BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5977BF
}
```

Border

The CSS property to change the border of an element to Hex 5977BF is called "border". The border property can be set on classes, ids or directly on the HTML element.

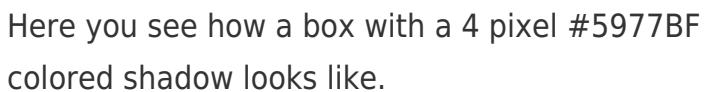
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5977BF }
```

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

```
.border{ border-color:#5977BF }
```

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



Here you see how a box with a 4 pixel #5977BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5977BF; -webkit-box-shadow:4px 4px  
4px 4px #5977BF; box-shadow:4px 4px 4px  
4px #5977BF }
```

Background

The CSS property to change the background color of an element to Hex 5977BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5977BF }
```

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

```
.background{ background-color:#5977BF }
```

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