

Converting Colors

Hex(5881BD)

Have a look what the booklet for
Hex(5881BD) contains.

Hex(5881BD)	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(5881BD)

Conversions

Conversions Part 1

Format	Color
Hex	5881BD
RGB	88, 129, 189
RGB Percent	35%, 51%, 74%
CMY	0.6549, 0.4941, 0.2588
CMYK	0.53, 0.32, 0.00, 0.26
HSL	216°, 43%, 54%
HSV	216°, 53%, 74%
XYZ	21.0601, 21.4493, 51.1743
YIQ	123.5810, -43.6960, 9.9680

Conversions

Conversions Part 2

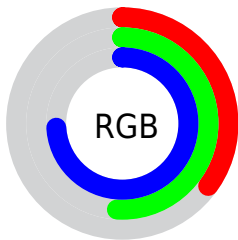
Format	Color
R _Y B	88, 117, 189
Decimal	5800381
CIE Lab	53.44, 3.26, -35.78
CIE LCh	53, 35.927, 275.204
Yxy	21.4493, 0.2248, 0.2290
Android (android.graphics.Color)	4283990461 (0xFF5881BD)
YUV	123.5810, 32.2516, -31.2045
Hunter-Lab	46.3134, 0.1206, -33.0934

Details

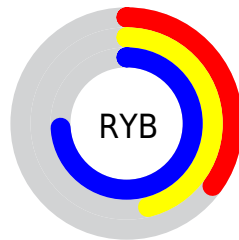
The Hex color **5881BD** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **BD9458**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **90B6F6**, and **1A5087** is the 20% darker color. If you saturate the color by 10%, you get **4576BD**, and if you desaturate by 10%, it is **6B8CBD**.

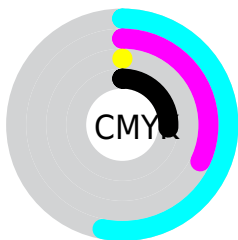
Distribution



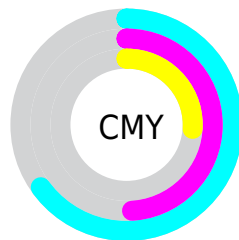
- Red (35%)
- Green (51%)
- Blue (74%)



- Red (35%)
- Yellow (46%)
- Blue (74%)



- Cyan (53%)
- Magenta (32%)
- Yellow (0%)
- Black (26%)



- Cyan (65%)
- Magenta (49%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5881BD 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 5881BD by changing the saturation by 10% instead.

■ 5881BD

FFFFFF

■ 90B6F6

■ ACD1FF

■ C9EDFF

■ E6FFFF

■ 5881BD

■ 5881BD

■ 3B68A2

■ 1A5087

■ 003A6E

■ 002555

■ 000F3D

■ 000327

■ 000110

■ 000000

■ 5881BD

4576BD

6B8CBD

326BBD

7E97BD

1F5FBD

91A3BD

0C54BD

A4AEBD

004DBD

B7B9BD

C9C4BD

DCD0BD

EFDBBD

FFE6BD

Harmonies

Analogous

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



008AB7



5881BD



8A76B2

Triad

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



5881BD



B86B5E



458E65

Complementary

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



5881BD



BD9458

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.



6D884C



5881BD



A87548

Square

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



5881BD



BA667B



8E8041



009084

Rectangle

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



5881BD



A26EA3



8E8041



548C5B

Sweetspot

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



5881BD



CEDEF5



58BD93



636D7A



FAFAFA



7A7A7A

Same Dimension

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



5881BD



5898F5



6058BD



55595E



00409E



000C1F

Inverse Universe

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



BD5881



F55898



B5BD58



5E5559



9E0040



1F000C

Previews

White Background



This preview shows how the Hex color 5881BD looks on a white background.

Color Contrast Check

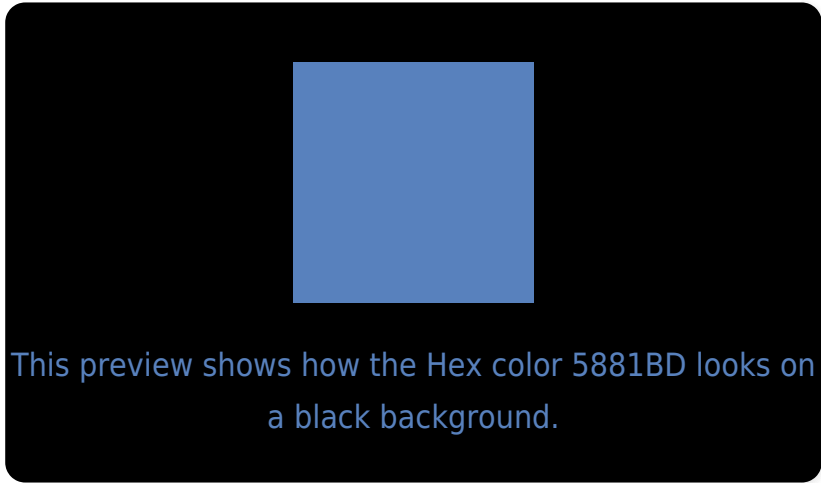
Large Text (above 18pt) WCAG AA ✓ Pass

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

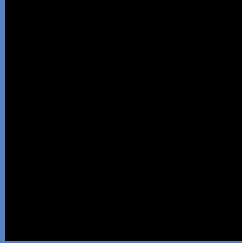
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

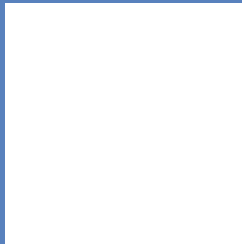
Any Text WCAG AAA × Fail

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

Hex 5881BD Background



This preview shows how black text looks on a background with the Hex color 5881BD.

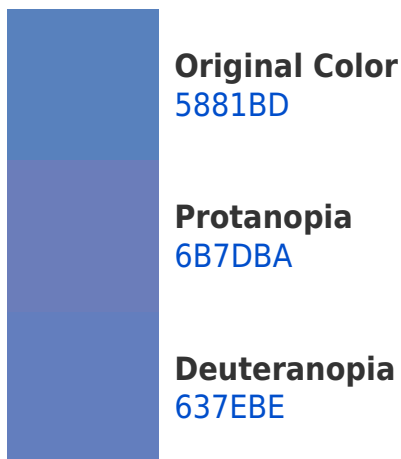


This preview shows how white text looks on a background with the Hex color 5881BD.

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](#).

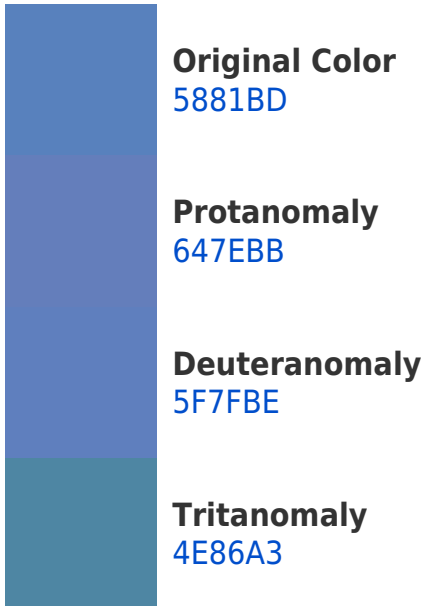
Dichromacy



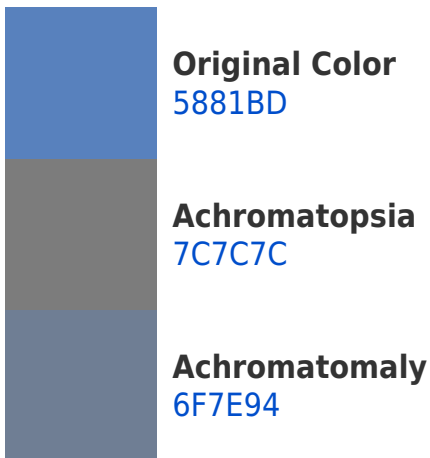


Tritanopia
498994

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5881BD 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 #5881BD looks like.

```
.text, #text, p{  
    color:#5881BD  
}
```

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 #5881BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5881BD
}
```

Border

The CSS property to change the border of an element to Hex 5881BD 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
#5881BD }
```

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

```
.border{ border-color:#5881BD }
```

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

Here you see how a box with a 4 pixel #5881BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5881BD; -webkit-box-shadow:4px 4px  
4px 4px #5881BD; box-shadow:4px 4px 4px  
4px #5881BD }
```

Background

The CSS property to change the background color of an element to Hex 5881BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5881BD }
```

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

```
.background{ background-color:#5881BD }
```

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