

Converting Colors

Hex(5867BD)

Have a look what the booklet for
Hex(5867BD) contains.

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Color

Hex(5867BD)

Conversions

Conversions Part 1

Format	Color
Hex	5867BD
RGB	88, 103, 189
RGB Percent	35%, 40%, 74%
CMY	0.6549, 0.5961, 0.2588
CMYK	0.53, 0.46, 0.00, 0.26
HSL	231°, 43%, 54%
HSV	231°, 53%, 74%
XYZ	18.0601, 15.4493, 50.1743
YIQ	108.3190, -36.5460, 23.5660

Conversions

Conversions Part 2

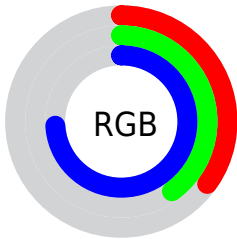
Format	Color
R_{YB}	88, 101, 189
Decimal	5793725
CIE _{Lab}	46.24, 19.16, -47.16
CIE _{LCh}	46, 50.906, 292.109
Yxy	15.4493, 0.2158, 0.1846
Android (android.graphics.Color)	4283983805 (0xFF5867BD)
YUV	108.3190, 39.7757, -17.8198
Hunter-Lab	39.3056, 13.2319, -48.1707

Details

The Hex color **5867BD** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **BDAE58**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **909AF6**, and **183987** is the 20% darker color. If you saturate the color by 10%, you get **4557BD**, and if you desaturate by 10%, it is **6B77BD**.

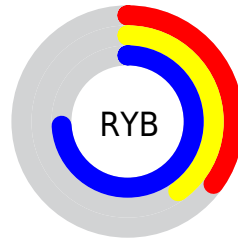
Distribution



Red (35%)

Green (40%)

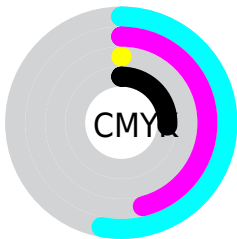
Blue (74%)



Red (35%)

Yellow (40%)

Blue (74%)

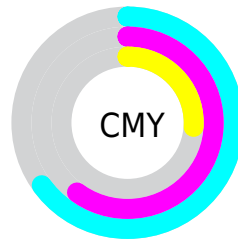


Cyan (53%)

Magenta (46%)

Yellow (0%)

Black (26%)



Cyan (65%)

Magenta (60%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5867BD 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 5867BD by changing the saturation by 10% instead.

■ 5867BD

■ 5867BD

FFFFFF

■ 3B4FA2

■ 909AF6

■ 183987

■ ADB5FF

■ 00246D

■ C9D0FF

■ 001054

■ E7ECFF

■ 00043C

■ 000226

■ 00010F

■ 000000

■ 5867BD

■ 5867BD

■ 4557BD

■ 6B77BD

■ 3247BD

■ 7E87BD

■ 1F37BD

■ 9197BD

■ 0C27BD

■ A4A7BD

■ 001CBD

■ B7B7BD

■ C9C8BD

■ DCD8BD

■ EFE8BD

■ FFF8BD

Harmonies

Analogous

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



0076C2



5867BD



9654A3

Triad

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



5867BD



AA562A



008160

Complementary

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



5867BD



BDAE58

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.



2C7D36



5867BD



8C680C

Square

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



5867BD



BA4750



647513



00828C

Rectangle

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



5867BD



AD4989



647513



008052

Sweetspot

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



5867BD



CED3F5



58BDAE



63677A



FAFAFA



7A7A7A

Same Dimension

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



5867BD



586FF5



7B58BD



55565E



00179E



00051F

Inverse Universe

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



BD5867



F5586F



9ABD58



5E5556



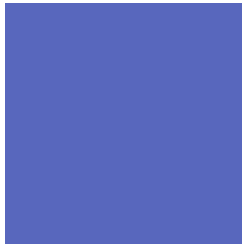
9E0017



1F0005

Previews

White Background



This preview shows how the Hex color 5867BD looks on a white background.

Color Contrast Check

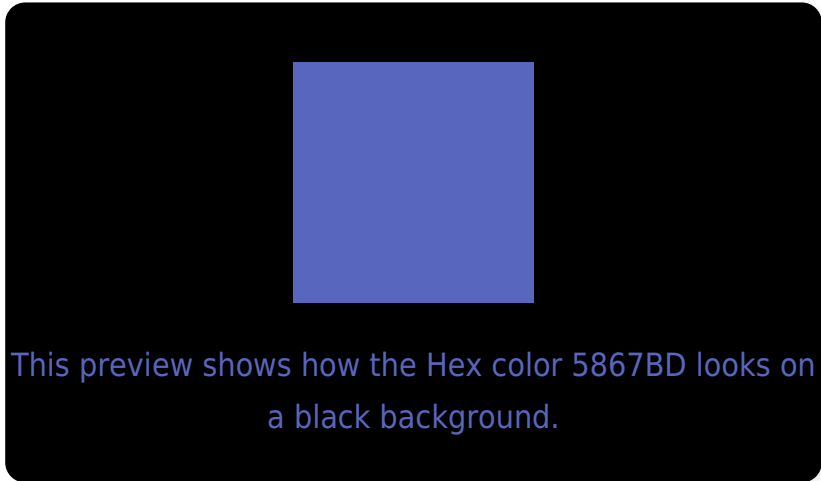
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

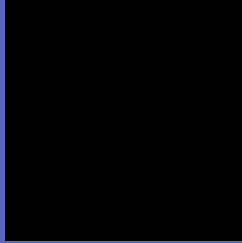
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Hex 5867BD Background



This preview shows how black text looks on a background with the Hex color 5867BD.

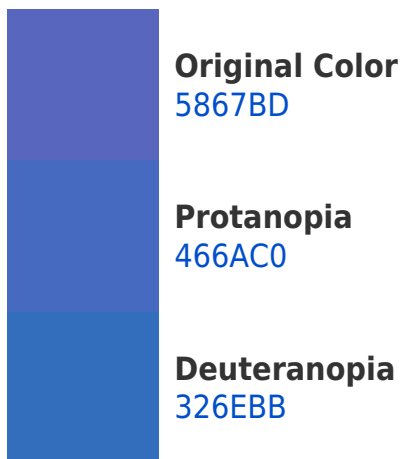



This preview shows how white text looks on a background with the Hex color 5867BD.

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](#).

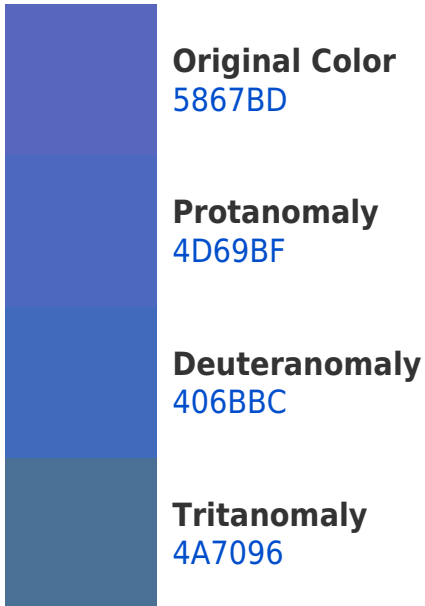
Dichromacy





Tritanopia
42757F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5867BD 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 #5867BD looks like.

```
.text, #text, p{  
    color:#5867BD  
}
```

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 #5867BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5867BD
}
```

Border

The CSS property to change the border of an element to Hex 5867BD 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
#5867BD }
```

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

```
.border{ border-color:#5867BD }
```

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

Here you see how a box with a 4 pixel #5867BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5867BD; -webkit-box-shadow:4px 4px  
4px 4px #5867BD; box-shadow:4px 4px 4px  
4px #5867BD }
```

Background

The CSS property to change the background color of an element to Hex 5867BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5867BD }
```

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

```
.background{ background-color:#5867BD }
```

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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