

Converting Colors

Hex(5B66BD)

Have a look what the booklet for
Hex(5B66BD) contains.

Hex(5B66BD)	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(5B66BD)

Conversions

Conversions Part 1

Format	Color
Hex	5B66BD
RGB	91, 102, 189
RGB Percent	36%, 40%, 74%
CMY	0.6431, 0.6000, 0.2588
CMYK	0.52, 0.46, 0.00, 0.26
HSL	233°, 43%, 55%
HSV	233°, 52%, 74%
XYZ	18.2511, 15.4010, 50.1549
YIQ	108.6290, -34.4830, 24.7250

Conversions

Conversions Part 2

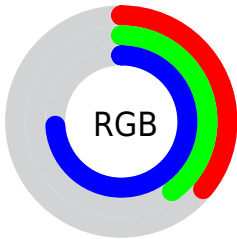
Format	Color
R_{YB}	91, 101, 189
Decimal	5990077
CIE _{Lab}	46.18, 20.45, -47.25
CIE _{LCh}	46, 51.490, 293.400
Yxy	15.4010, 0.2178, 0.1838
Android (android.graphics.Color)	4284180157 (0xFF5B66BD)
YUV	108.6290, 39.6229, -15.4606
Hunter-Lab	39.2441, 14.3369, -48.3031

Details

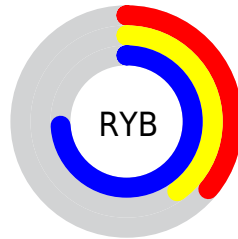
The Hex color **5B66BD** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **BDB25B**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **9399F6**, and **1E3887** is the 20% darker color. If you saturate the color by 10%, you get **4855BD**, and if you desaturate by 10%, it is **6E77BD**.

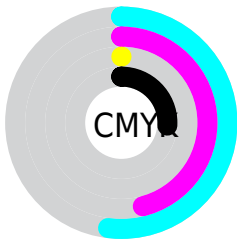
Distribution



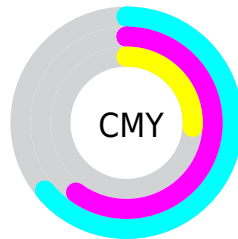
- Red (36%)
- Green (40%)
- Blue (74%)



- Red (36%)
- Yellow (40%)
- Blue (74%)



- Cyan (52%)
- Magenta (46%)
- Yellow (0%)
- Black (26%)



- Cyan (64%)
- Magenta (60%)
- Yellow (26%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B66BD 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 5B66BD by changing the saturation by 10% instead.

■ 5B66BD

■ 5B66BD

FFFFFF

■ 3E4EA2

■ 9399F6

■ 1E3887

■ AFB3FF

■ 00236D

■ CCCFFF

■ 000F54

■ E9EBFF

■ 00033C

■ 000226

■ 00010E

■ 000000

■ 5B66BD

■ 5B66BD

■ 4855BD

■ 6E77BD

■ 3544BD

■ 8188BD

■ 2234BD

■ 9498BD

■ 0F23BD

■ A7A9BD

■ 0015BD

■ BABABD

■ CCCBBD

■ DFDBBD

■ F2ECBD

■ FFFDBD

Harmonies

Analogous

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



0075C3



5B66BD



9853A1

Triad

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



5B66BD



AA5628



008162

Complementary

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



5B66BD



BDB25B

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.



277D37



5B66BD



8B6809

Square

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



5B66BD



BA464E



627512



00828E

Rectangle

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



5B66BD



AF4787



627512



008053

Sweetspot

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



5B66BD



CED2F5



5BBDB2



63667A



FAFAFA



7A7A7A

Same Dimension

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



5B66BD



5D6EF5



815BBD



55565E



00129E



00031F

Inverse Universe

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



BD5B66



F55D6E



97BD5B



5E5556



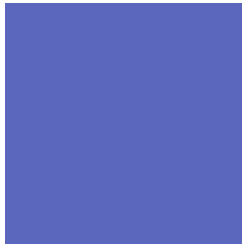
9E0012



1F0003

Previews

White Background



This preview shows how the Hex color 5B66BD looks on a white background.

Color Contrast Check

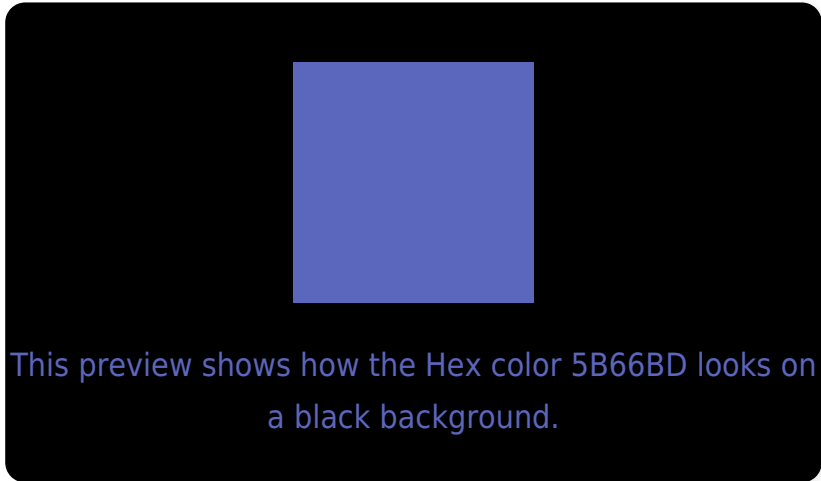
Large Text (above 18pt) WCAG AA ✓ Pass

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

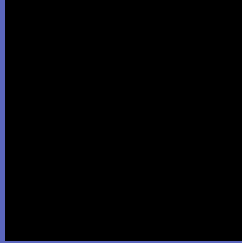
Any Text WCAG AA × Fail

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 5B66BD Background



This preview shows how black text looks on a background with the Hex color 5B66BD.

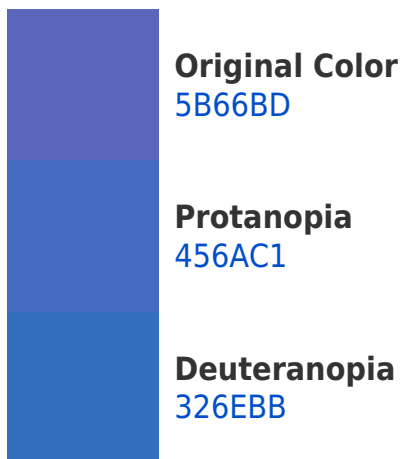


This preview shows how white text looks on a background with the Hex color 5B66BD.

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](#).

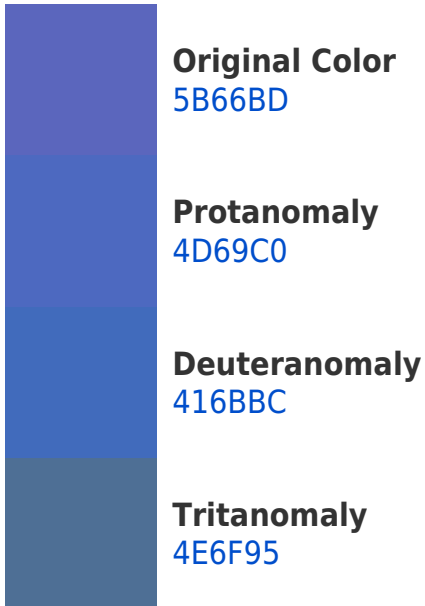
Dichromacy





Tritanopia
46747E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5B66BD 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 #5B66BD looks like.

```
.text, #text, p{  
    color:#5B66BD  
}
```

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 #5B66BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B66BD
}
```

Border

The CSS property to change the border of an element to Hex 5B66BD is called "border". The border property can be set on classes, ids or directly on the HTML element.

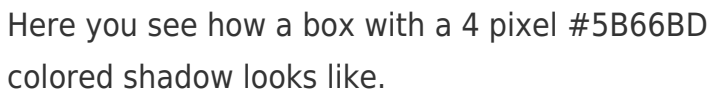
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B66BD }
```

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

```
.border{ border-color:#5B66BD }
```

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



Here you see how a box with a 4 pixel #5B66BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B66BD; -webkit-box-shadow:4px 4px  
4px 4px #5B66BD; box-shadow:4px 4px 4px  
4px #5B66BD }
```

Background

The CSS property to change the background color of an element to Hex 5B66BD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B66BD }
```

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

```
.background{ background-color:#5B66BD }
```

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