

Converting Colors

Hex(5B65BF)

Have a look what the booklet for
Hex(5B65BF) contains.

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Color

Hex(5B65BF)

Conversions

Conversions Part 1

Format	Color
Hex	5B65BF
RGB	91, 101, 191
RGB Percent	36%, 40%, 75%
CMY	0.6431, 0.6039, 0.2510
CMYK	0.52, 0.47, 0.00, 0.25
HSL	234°, 44%, 55%
HSV	234°, 52%, 75%
XYZ	18.3720, 15.2931, 51.2738
YIQ	108.2700, -34.8500, 25.8700

Conversions

Conversions Part 2

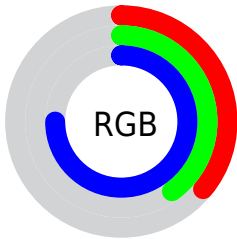
Format	Color
R_{YB}	91, 100, 191
Decimal	5989823
CIE Lab	46.03, 21.71, -48.65
CIE LCh	46, 53.272, 294.053
Yxy	15.2931, 0.2163, 0.1800
Android (android.graphics.Color)	4284179903 (0xFF5B65BF)
YUV	108.2700, 40.7859, -15.1458
Hunter-Lab	39.1064, 15.4225, -50.3627

Details

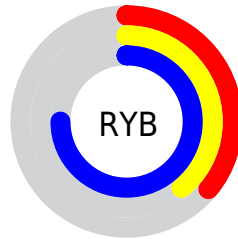
The Hex color **5B65BF** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **BFB55B**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **9398F8**, and **1D3789** is the 20% darker color. If you saturate the color by 10%, you get **4854BF**, and if you desaturate by 10%, it is **6E76BF**.

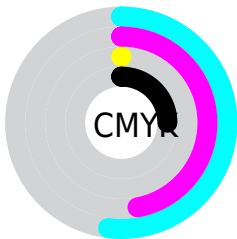
Distribution



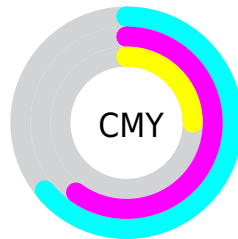
- Red (36%)
- Green (40%)
- Blue (75%)



- Red (36%)
- Yellow (39%)
- Blue (75%)



- Cyan (52%)
- Magenta (47%)
- Yellow (0%)
- Black (25%)



- Cyan (64%)
- Magenta (60%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B65BF 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 5B65BF by changing the saturation by 10% instead.

■ 5B65BF

■ 5B65BF

FFFFFF

■ 3E4DA4

■ 9398F8

■ 1D3789

■ B0B2FF

■ 00226F

■ CDCEFF

■ 000E56

■ EAEAFF

■ 00033E

■ 000327

■ 000111

■ 000000

■ 5B65BF

■ 5B65BF

4854BF

6E76BF

3543BF

8187BF

2231BF

9499BF

0F20BF

A7AABF

0013BF

BBBBBF

CECCBF

E1DDBF

F4EFBF

FFFFBF

Harmonies

Analogous

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



0075C6



5B65BF



9A50A2

Triad

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



5B65BF



AA5624



008162

Complementary

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



5B65BF



BFB55B

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.



1F7D35



5B65BF



8A6800

Square

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



5B65BF



BC444B



60750C



008290

Rectangle

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



5B65BF



B14587



60750C



008053

Sweetspot

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



5B65BF



D0D4F7



5BBFB5



65687D



FCFCFC



7D7D7D

Same Dimension

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



5B65BF



5C6BF7



835BBF



55565E



00109E



00031F

Inverse Universe

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



BF5B65



F75C6B



97BF5B



5E5556



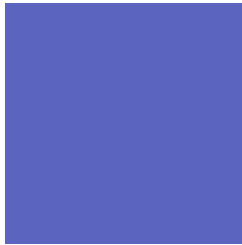
9E0010



1F0003

Previews

White Background



This preview shows how the Hex color 5B65BF looks on a white background.

Color Contrast Check

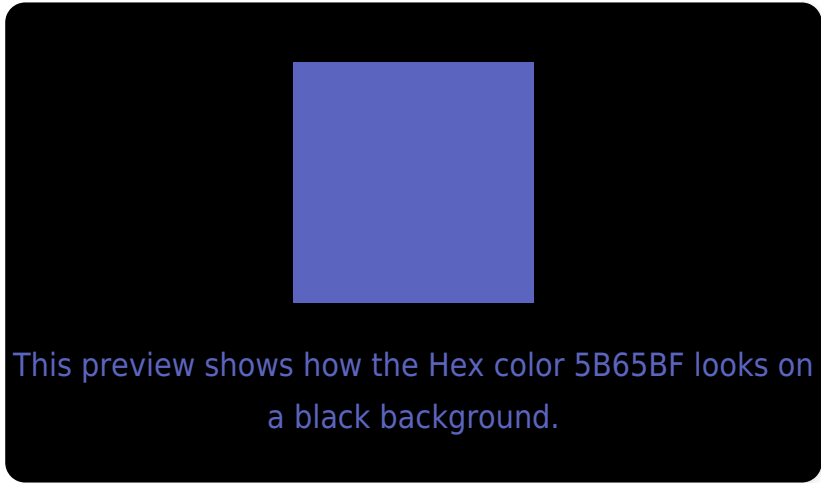
Large Text (above 18pt) WCAG AA ✓ Pass

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

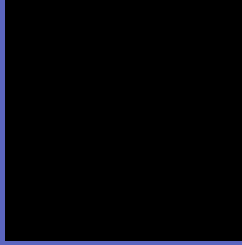
Any Text WCAG AA × Fail

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 5B65BF Background



This preview shows how black text looks on a background with the Hex color 5B65BF.

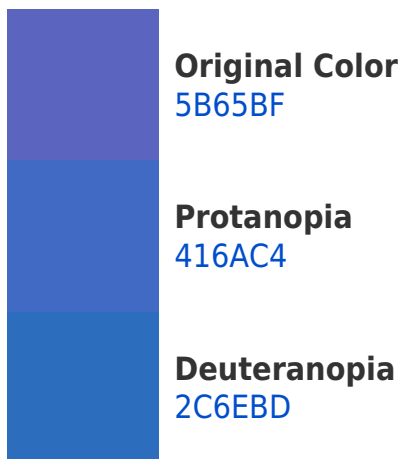


This preview shows how white text looks on a background with the Hex color 5B65BF.

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](#).

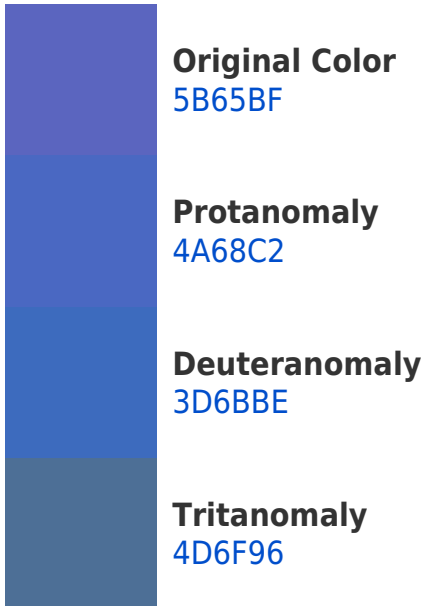
Dichromacy





Tritanopia
45747E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5B65BF 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 #5B65BF looks like.

```
.text, #text, p{  
    color:#5B65BF  
}
```

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 #5B65BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B65BF
}
```

Border

The CSS property to change the border of an element to Hex 5B65BF is called "border". The border property can be set on classes, ids or directly on the HTML element.

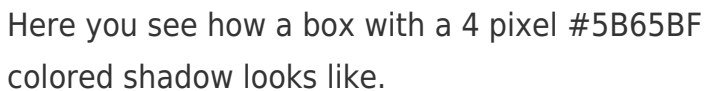
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B65BF }
```

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

```
.border{ border-color:#5B65BF }
```

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



Here you see how a box with a 4 pixel #5B65BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B65BF; -webkit-box-shadow:4px 4px  
4px 4px #5B65BF; box-shadow:4px 4px 4px  
4px #5B65BF }
```

Background

The CSS property to change the background color of an element to Hex 5B65BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B65BF }
```

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

```
.background{ background-color:#5B65BF }
```

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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