

# Converting Colors

Hex(5B8BB6)

Have a look what the booklet for  
Hex(5B8BB6) contains.

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# Color

Hex(5B8BB6)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5B8BB6
RGB	91, 139, 182
RGB Percent	36%, 55%, 71%
CMY	0.6431, 0.4549, 0.2863
CMYK	0.50, 0.24, 0.00, 0.29
HSL	208°, 38%, 54%
HSV	208°, 50%, 71%
XYZ	21.9905, 24.0668, 47.7423
YIQ	129.5500, -42.4110, 3.1970

# Conversions

## Conversions Part 2

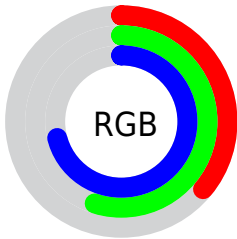
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	91, 122, 182
Decimal	5999542
CIE <sub>Lab</sub>	56.15, -4.06, -27.54
CIE <sub>LCh</sub>	56, 27.835, 261.612
Yxy	24.0668, 0.2344, 0.2566
Android (android.graphics.Color)	4284189622 (0xFF5B8BB6)
YUV	129.5500, 25.8579, -33.8083
Hunter-Lab	49.0579, -5.8376, -23.3595

# Details

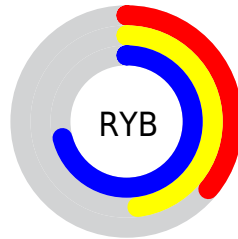
The Hex color **5B8BB6** is a dark color, and the websafe version is hex **6699CC**. A complement of this color would be **B6865B**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **92C0EE**, and **215981** is the 20% darker color. If you saturate the color by 10%, you get **4982B6**, and if you desaturate by 10%, it is **6D94B6**.

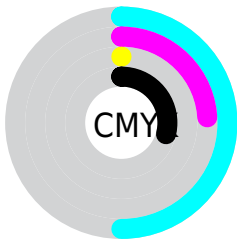
# Distribution



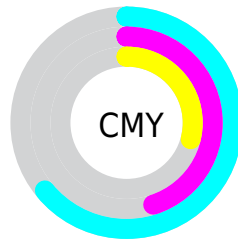
- Red (36%)
- Green (55%)
- Blue (71%)



- Red (36%)
- Yellow (48%)
- Blue (71%)



- Cyan (50%)
- Magenta (24%)
- Yellow (0%)
- Black (29%)



- Cyan (64%)
- Magenta (45%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5B8BB6 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 5B8BB6 by changing the saturation by 10% instead.



■ 5B8BB6

■ 5B8BB6

FFFFFF

■ 3F729B

■ 92C0EE

■ 215981

■ AEDCFF

■ 004268

■ CAF9FF

■ 002C4F

■ E7FFFF

■ 001838

■ 000223

■ 000009

■ 000000

■ 5B8BB6

■ 5B8BB6

■ 4982B6

■ 6D94B6

■ 377AB6

■ 7F9CB6

■ 2471B6

■ 92A5B6

■ 1269B6

■ A4ADB6

■ 0060B6

■ B6B6B6

■ C8BFB6

■ DAC7B6

■ EDD0B6

■ FFD8B6

# Harmonies

## Analogous

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



3A91AC



5B8BB6



8083B3

# Triad

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



5B8BB6



B77576



699068

# Complementary

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



5B8BB6



B6865B

# 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.



858B59



5B8BB6



AF7B62

# Square

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



5B8BB6



B1758E



9D8357



4C937F

# Rectangle

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



5B8BB6



967DAB



9D8357



738F62



# Sweetspot

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



5B8BB6



CADCED



5BB685



626E78



F7F7F7



787878



# Same Dimension

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



5B8BB6



5FAAED



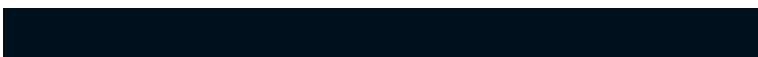
5B5EB6



53575C



00529C



000F1C



# Inverse Universe

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



B65B8B



ED5FAA



B6B35B



5C5357



9C0052



1C000F



# Previews

## White Background



This preview shows how the Hex color 5B8BB6 looks on a white background.

## Color Contrast Check

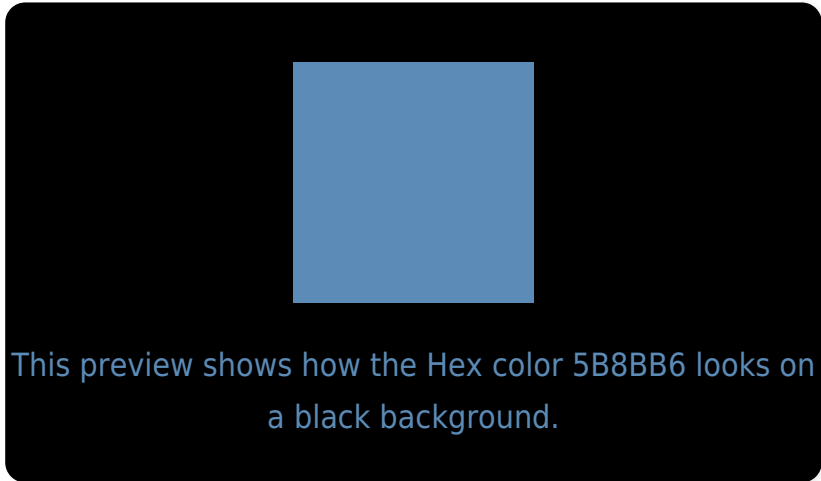
Large Text (above 18pt) WCAG AA ✓ Pass

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

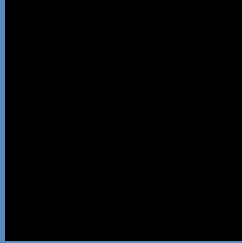
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

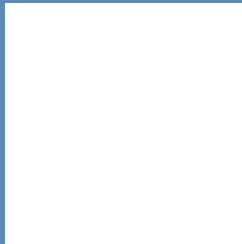
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5B8BB6 Background



This preview shows how black text looks on a background with the Hex color 5B8BB6.

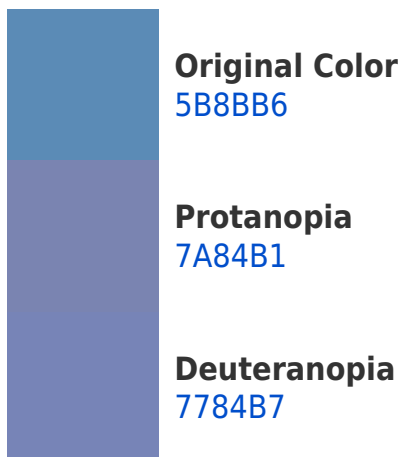


This preview shows how white text looks on a background with the Hex color 5B8BB6.

# 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](#).

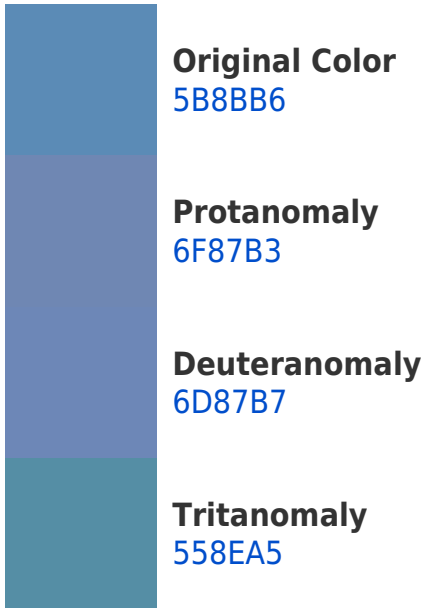
## Dichromacy





**Tritanopia**  
52909B

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5B8BB6 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 #5B8BB6 looks like.

```
.text, #text, p{  
    color:#5B8BB6  
}
```

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 #5B8BB6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B8BB6
}
```

## Border

The CSS property to change the border of an element to Hex 5B8BB6 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
#5B8BB6 }
```

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

```
.border{ border-color:#5B8BB6 }
```

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

Here you see how a box with a 4 pixel #5B8BB6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B8BB6; -webkit-box-shadow:4px 4px  
4px 4px #5B8BB6; box-shadow:4px 4px 4px  
4px #5B8BB6 }
```

# Background

The CSS property to change the background color of an element to Hex 5B8BB6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B8BB6 }
```

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

```
.background{ background-color:#5B8BB6 }
```

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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