

Converting Colors

Hex(5B8E9B)

Have a look what the booklet for
Hex(5B8E9B) contains.

Hex(5B8E9B)	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(5B8E9B)

Conversions

Conversions Part 1

Format	Color
Hex	5B8E9B
RGB	91, 142, 155
RGB Percent	36%, 56%, 61%
CMY	0.6431, 0.4431, 0.3922
CMYK	0.41, 0.08, 0.00, 0.39
HSL	192°, 26%, 48%
HSV	192°, 41%, 61%
XYZ	19.9038, 23.9367, 34.5816
YIQ	128.2330, -34.5690, -6.7690

Conversions

Conversions Part 2

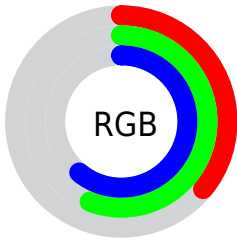
Format	Color
R_{YB}	91, 119, 155
Decimal	6000283
CIE _{Lab}	56.02, -13.53, -12.28
CIE _{LCh}	56, 18.271, 222.212
Yxy	23.9367, 0.2538, 0.3052
Android (android.graphics.Color)	4284190363 (0xFF5B8E9B)
YUV	128.2330, 13.1961, -32.6533
Hunter-Lab	48.9252, -13.0015, -7.6601

Details

The Hex color **5B8E9B** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9B685B**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **90C4D1**, and **275C68** is the 20% darker color. If you saturate the color by 10%, you get **4C8B9B**, and if you desaturate by 10%, it is **6B919B**.

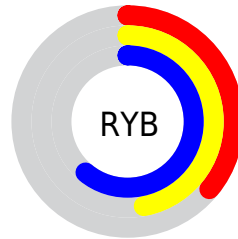
Distribution



Red (36%)

Green (56%)

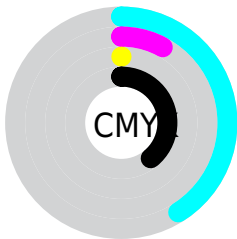
Blue (61%)



Red (36%)

Yellow (47%)

Blue (61%)

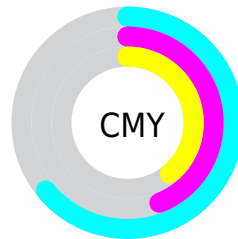


Cyan (41%)

Magenta (8%)

Yellow (0%)

Black (39%)



Cyan (64%)

Magenta (44%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B8E9B 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 5B8E9B by changing the saturation by 10% instead.

■ 5B8E9B

■ 5B8E9B

FFFFFF

■ 417481

■ 90C4D1

■ 275C68

■ ACE0EE

■ 054450

■ C8FCFF

■ 002E39

■ E4FFFF

■ 001A23

■ 00010D

■ 000000

■ 5B8E9B

■ 5B8E9B

■ 4C8B9B

■ 6B919B

■ 3C889B

■ 7A949B

■ 2D859B

■ 8A979B

■ 1D819B

■ 999B9B

■ 0E7E9B

■ A99E9B

■ 007C9B

■ B8A19B

■ C8A49B

■ D7A79B

■ E7AA9B

Harmonies

Analogous

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



5C8F8C



5B8E9B



688BA4

Triad

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



5B8E9B



A07C90



8C8767

Complementary

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



5B8E9B



9B685B

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.



9B8268



5B8E9B



A77B80

Square

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



5B8E9B



91809E



A57D72



7A8C6E

Rectangle

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



5B8E9B



7587A6



A57D72



918667

Sweetspot

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



5B8E9B



B1C5C9



5B9B68



586366



E6E6E6



666666

Same Dimension

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



5B8E9B



65B5C9



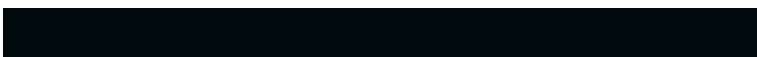
5B6E9B



454B4D



00708C



000A0D

Inverse Universe

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



9B5B8E



C965B5



9B885B



4D454B



8C0070



0D000A

Previews

White Background



This preview shows how the Hex color 5B8E9B looks on a white background.

Color Contrast Check

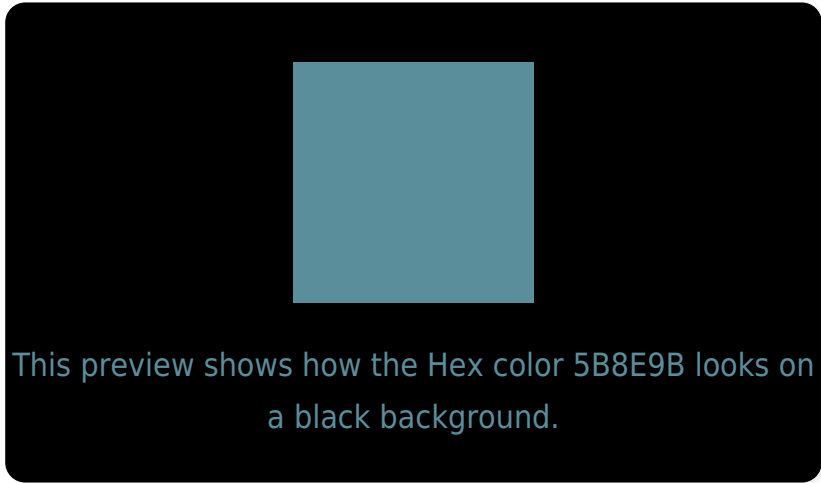
Large Text (above 18pt) WCAG AA ✓ Pass

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

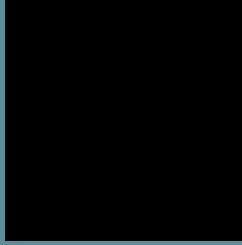
Any Text WCAG AA ✓ Pass

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 5B8E9B Background



This preview shows how black text looks on a background with the Hex color 5B8E9B.

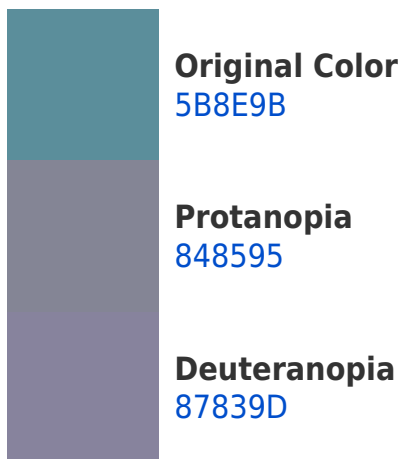


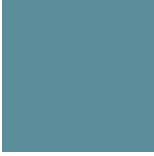
This preview shows how white text looks on a background with the Hex color 5B8E9B.

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
5B8E9A

Trichromacy



Original Color
5B8E9B

Protanomaly
758897

Deuteranomaly
77879C

Tritanomaly
5B8E9A

Monochromacy



Original Color
5B8E9B

Achromatopsia
808080

Achromatomaly
73858A

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B8E9B 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 #5B8E9B looks like.

```
.text, #text, p{  
    color:#5B8E9B  
}
```

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 #5B8E9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B8E9B
}
```

Border

The CSS property to change the border of an element to Hex 5B8E9B 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
#5B8E9B }
```

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

```
.border{ border-color:#5B8E9B }
```

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

Here you see how a box with a 4 pixel #5B8E9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B8E9B; -webkit-box-shadow:4px 4px  
4px 4px #5B8E9B; box-shadow:4px 4px 4px  
4px #5B8E9B }
```

Background

The CSS property to change the background color of an element to Hex 5B8E9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B8E9B }
```

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

```
.background{ background-color:#5B8E9B }
```

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