

Converting Colors

Hex(5B9E9B)

Have a look what the booklet for
Hex(5B9E9B) contains.

Hex(5B9E9B)	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(5B9E9B)

Conversions

Conversions Part 1

Format	Color
Hex	5B9E9B
RGB	91, 158, 155
RGB Percent	36%, 62%, 61%
CMY	0.6431, 0.3804, 0.3922
CMYK	0.42, 0.00, 0.02, 0.38
HSL	177°, 27%, 49%
HSV	177°, 42%, 62%
XYZ	22.4576, 29.0444, 35.4328
YIQ	137.6250, -38.9690, -15.1370

Conversions

Conversions Part 2

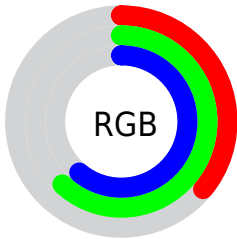
Format	Color
R_{YB}	91, 125, 158
Decimal	6004379
CIE _{Lab}	60.82, -22.02, -5.12
CIE _{LCh}	61, 22.602, 193.084
Y _{xy}	29.0444, 0.2583, 0.3341
Android (android.graphics.Color)	4284194459 (0xFF5B9E9B)
YUV	137.6250, 8.5659, -40.8901
Hunter-Lab	53.8929, -19.9300, -1.2563

Details

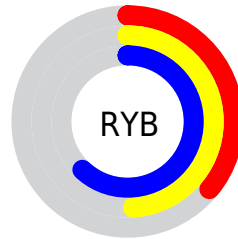
The Hex color **5B9E9B** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9E5B5E**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **91D5D1**, and **246A68** is the 20% darker color. If you saturate the color by 10%, you get **4B9E9A**, and if you desaturate by 10%, it is **6B9E9C**.

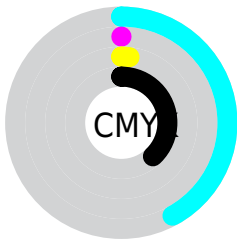
Distribution



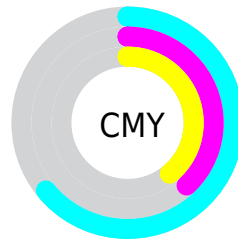
- Red (36%)
- Green (62%)
- Blue (61%)



- Red (36%)
- Yellow (49%)
- Blue (62%)



- Cyan (42%)
- Magenta (0%)
- Yellow (2%)
- Black (38%)



- Cyan (64%)
- Magenta (38%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B9E9B 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 5B9E9B by changing the saturation by 10% instead.



5B9E9B



5B9E9B

FFFFFF



408481



91D5D1



246A68



ADF1EE



005250



C9FFFF



003A39



E6FFFF



002524



00060F



000000



5B9E9B



5B9E9B



4B9E9A



6B9E9C

 3B9E9A

 7B9E9C

 2C9E99

 8A9E9D

 1C9E98

 9A9E9E

 0C9E97

 AA9E9F

 009E97

 BA9E9F

 CA9EA0

 D99EA1

 E99EA1

Harmonies

Analogous

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



6C9D86



5B9E9B



5A9CAD

Triad

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



5B9E9B



A18BB0



AC8E6D

Complementary

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



5B9E9B



9E5B5E

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.



B88878



5B9E9B



B3869F

Square

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



5B9E9B



8692B9



BB848B



98946C

Rectangle

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



5B9E9B



649AB6



BB848B



B18B70

Sweetspot

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



5B9E9B



B4CFCD



5E9E5B



586968



E8E8E8



696969

Same Dimension

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



5B9E9B



65CFCA



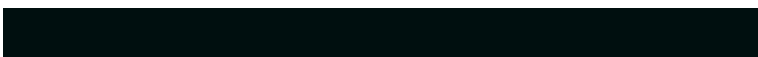
5B809E



474F4F



008F88



000F0F

Inverse Universe

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



9E5B5E



CF656A



9E795B



4F4747



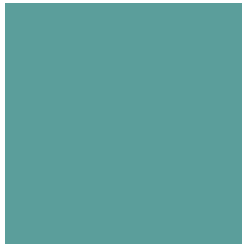
8F0006



0F0001

Previews

White Background



This preview shows how the Hex color 5B9E9B looks on a white background.

Color Contrast Check

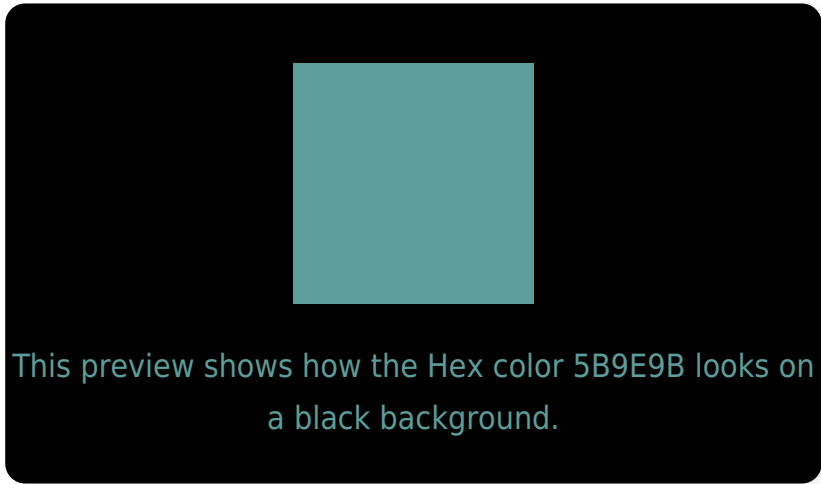
Large Text (above 18pt) WCAG AA ✓ Pass

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

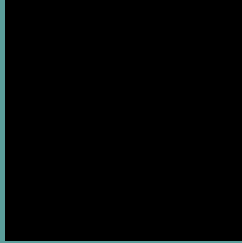
Any Text WCAG AA ✓ Pass

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 5B9E9B Background



This preview shows how black text looks on a background with the Hex color 5B9E9B.

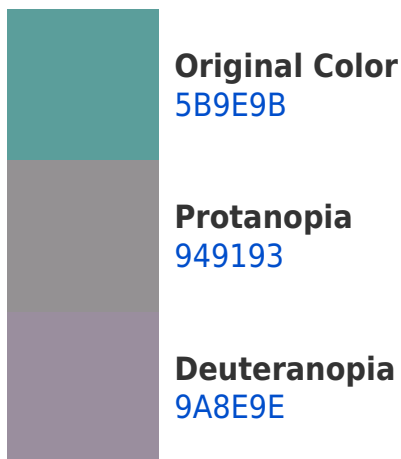


This preview shows how white text looks on a background with the Hex color 5B9E9B.

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



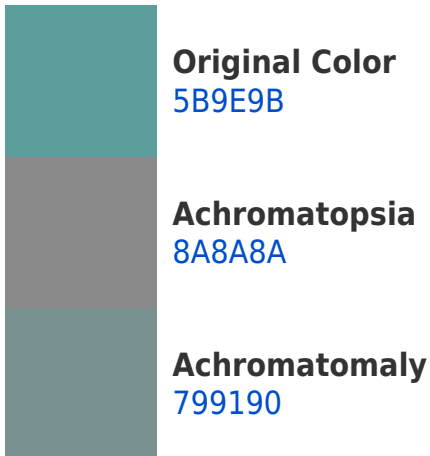


Tritanopia
5F9CA9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5B9E9B 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 #5B9E9B looks like.

```
.text, #text, p{  
    color:#5B9E9B  
}
```

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 #5B9E9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B9E9B
}
```

Border

The CSS property to change the border of an element to Hex 5B9E9B 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
#5B9E9B }
```

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

```
.border{ border-color:#5B9E9B }
```

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

Here you see how a box with a 4 pixel #5B9E9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B9E9B; -webkit-box-shadow:4px 4px  
4px 4px #5B9E9B; box-shadow:4px 4px 4px  
4px #5B9E9B }
```

Background

The CSS property to change the background color of an element to Hex 5B9E9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B9E9B }
```

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

```
.background{ background-color:#5B9E9B }
```

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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