

Converting Colors

Hex(5B9B8E)

Have a look what the booklet for
Hex(5B9B8E) contains.

Hex(5B9B8E)	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(5B9B8E)

Conversions

Conversions Part 1

Format	Color
Hex	5B9B8E
RGB	91, 155, 142
RGB Percent	36%, 61%, 56%
CMY	0.6431, 0.3922, 0.4431
CMYK	0.41, 0.00, 0.08, 0.39
HSL	168°, 26%, 48%
HSV	168°, 41%, 61%
XYZ	20.9182, 27.6198, 29.8198
YIQ	134.3820, -33.9710, -17.6110

Conversions

Conversions Part 2

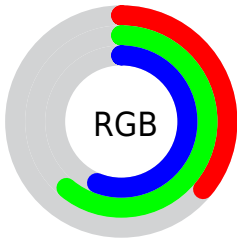
Format	Color
R_{YB}	91, 127, 155
Decimal	6003598
CIE _{Lab}	59.54, -23.74, 0.37
CIE _{LCh}	60, 23.744, 179.114
Yxy	27.6198, 0.2670, 0.3525
Android (android.graphics.Color)	4284193678 (0xFF5B9B8E)
YUV	134.3820, 3.7557, -38.0460
Hunter-Lab	52.5546, -20.9224, 3.1466

Details

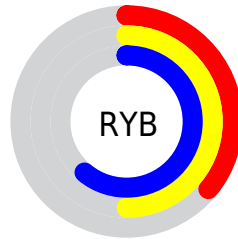
The Hex color **5B9B8E** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **9B5B68**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **90D2C4**, and **26675C** is the 20% darker color. If you saturate the color by 10%, you get **4C9B8B**, and if you desaturate by 10%, it is **6B9B91**.

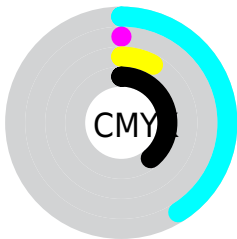
Distribution



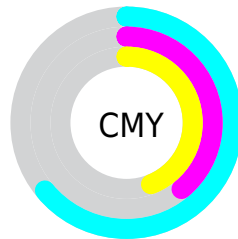
- Red (36%)
- Green (61%)
- Blue (56%)



- Red (36%)
- Yellow (50%)
- Blue (61%)



- Cyan (41%)
- Magenta (0%)
- Yellow (8%)
- Black (39%)



- Cyan (64%)
- Magenta (39%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B9B8E 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 5B9B8E by changing the saturation by 10% instead.



5B9B8E



5B9B8E

FFFFFF



418174



90D2C4



26675C



ACEEE0



044F44



C8FFFC



00382E



E4FFFF



00221A



000000



5B9B8E



5B9B8E



4C9B8B



6B9B91



3C9B88



7A9B94

 2D9B85

 8A9B97

 1D9B81

 999B9B

 0E9B7E

 A99B9E

 009B7C

 B89BA1

 C89BA4

 D79BA7

 E79BAA

Harmonies

Analogous

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



719979



5B9B8E



509AA3

Triad

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



5B9B8E



928AB4



B0876C

Complementary

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



5B9B8E



9B5B68

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.



B9827C



5B9B8E



AA84A5

Square

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



5B9B8E



7491B9



B78091



9F8E66

Rectangle

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



5B9B8E



5499AE



B78091



B48571

Sweetspot

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



5B9B8E



B1C9C5



699B5B



586663



E6E6E6



666666

Same Dimension

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



5B9B8E



65C9B5



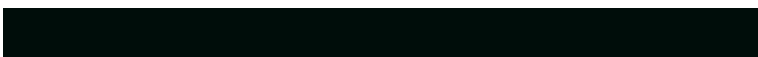
5B899B



454D4B



008C70



000D0A

Inverse Universe

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



9B5B68



C96579



9B6D5B



4D4546



8C001C



0D0003

Previews

White Background



This preview shows how the Hex color 5B9B8E looks on a white background.

Color Contrast Check

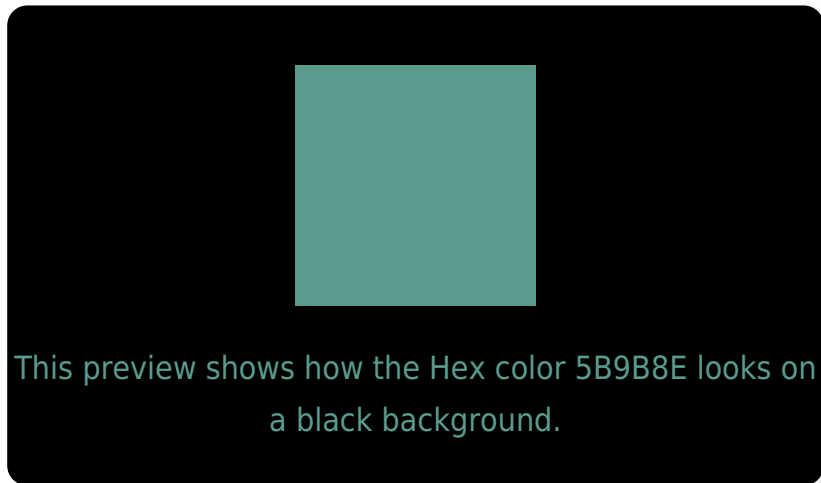
Large Text (above 18pt) WCAG AA ✓ Pass

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

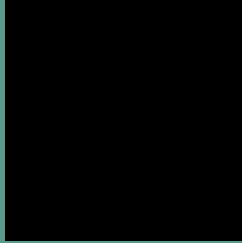
Any Text WCAG AA ✓ Pass

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 5B9B8E Background



This preview shows how black text looks on a background with the Hex color 5B9B8E.

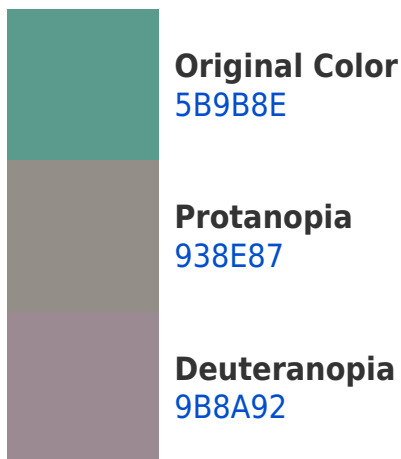


This preview shows how white text looks on a background with the Hex color 5B9B8E.

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



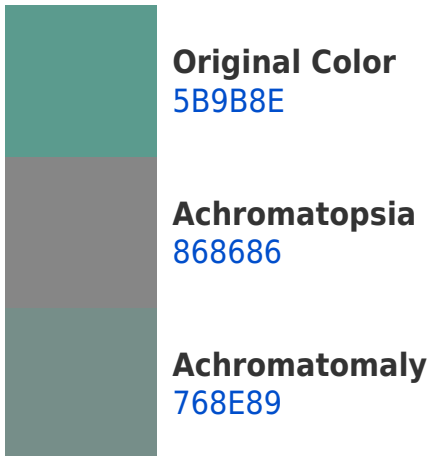


Tritanopia
6198A4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5B9B8E 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 #5B9B8E looks like.

```
.text, #text, p{  
    color:#5B9B8E  
}
```

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 #5B9B8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B9B8E
}
```

Border

The CSS property to change the border of an element to Hex 5B9B8E 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
#5B9B8E }
```

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

```
.border{ border-color:#5B9B8E }
```

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

Here you see how a box with a 4 pixel #5B9B8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B9B8E; -webkit-box-shadow:4px 4px  
4px 4px #5B9B8E; box-shadow:4px 4px 4px  
4px #5B9B8E }
```

Background

The CSS property to change the background color of an element to Hex 5B9B8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B9B8E }
```

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

```
.background{ background-color:#5B9B8E }
```

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