

Converting Colors

Hex(5B9D80)

Have a look what the booklet for
Hex(5B9D80) contains.

Hex(5B9D80)	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(5B9D80)

Conversions

Conversions Part 1

Format	Color
Hex	5B9D80
RGB	91, 157, 128
RGB Percent	36%, 62%, 50%
CMY	0.6431, 0.3843, 0.4980
CMYK	0.42, 0.00, 0.18, 0.38
HSL	154°, 27%, 49%
HSV	154°, 42%, 62%
XYZ	20.2676, 27.8966, 24.7384
YIQ	133.9600, -30.0270, -23.0110

Conversions

Conversions Part 2

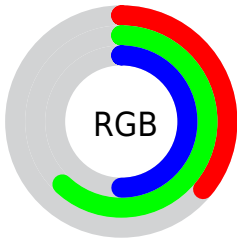
Format	Color
R_{YB}	91, 133, 157
Decimal	6004096
CIE _{Lab}	59.80, -27.99, 8.64
CIE _{LCh}	60, 29.291, 162.841
Yxy	27.8966, 0.2780, 0.3827
Android (android.graphics.Color)	4284194176 (0xFF5B9D80)
YUV	133.9600, -2.9383, -37.6759
Hunter-Lab	52.8172, -23.9341, 9.2019

Details

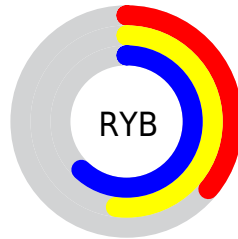
The Hex color **5B9D80** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9D5B78**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **90D4B5**, and **27694F** is the 20% darker color. If you saturate the color by 10%, you get **4B9D79**, and if you desaturate by 10%, it is **6B9D87**.

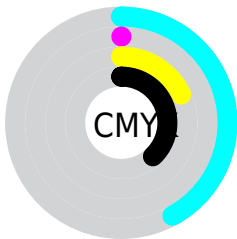
Distribution



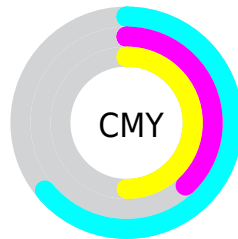
- Red (36%)
- Green (62%)
- Blue (50%)



- Red (36%)
- Yellow (52%)
- Blue (62%)



- Cyan (42%)
- Magenta (0%)
- Yellow (18%)
- Black (38%)



- Cyan (64%)
- Magenta (38%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B9D80 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 5B9D80 by changing the saturation by 10% instead.



5B9D80



5B9D80

FFFFFF



418367



90D4B5



27694F



ACF0D0



055138



C8FFED



003922



E4FFFF



00240D



000000



5B9D80



5B9D80



4B9D79



6B9D87



3C9D72



7A9D8E

 2C9D6B

 8A9D95

 1C9D64

 9A9D9C

 0C9D5E

 AA9DA2

 009D58

 B99DA9

 C99DB0

 D99DB7

 E89DBE

Harmonies

Analogous

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



7A9969



5B9D80



3F9E9B

Triad

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



5B9D80



7E8FC2



BF816E

Complementary

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



5B9D80



9D5B78

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.



C37D86



5B9D80



A185B6

Square

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



5B9D80



5697C1



B97EA0



AF895F

Rectangle

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



5B9D80



369DAB



B97EA0



C27F75

Sweetspot

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



5B9D80



B1CCC0



799D5B



56665F



E6E6E6



666666

Same Dimension

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



5B9D80



66CC9F



5B9A9D



474F4C



008F50



000F09

Inverse Universe

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



9D5B78



CC6693



9D5E5B



4F474B



8F003F



0F0007

Previews

White Background



This preview shows how the Hex color 5B9D80 looks on a white background.

Color Contrast Check

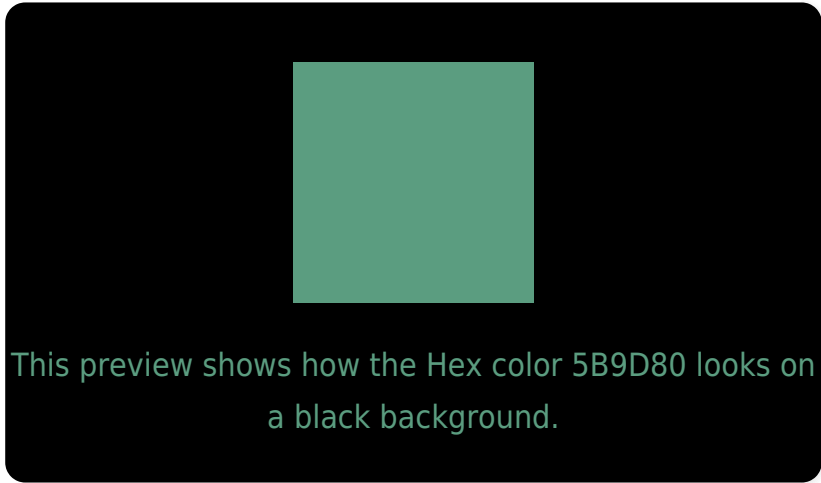
Large Text (above 18pt) WCAG AA ✓ Pass

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

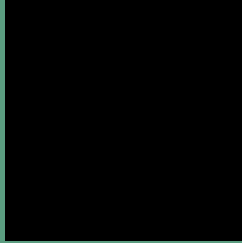
Any Text WCAG AA ✓ Pass

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 5B9D80 Background



This preview shows how black text looks on a background with the Hex color 5B9D80.

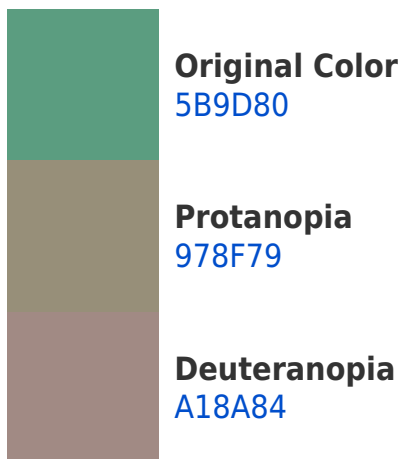


This preview shows how white text looks on a background with the Hex color 5B9D80.

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
6498A4

Trichromacy



Original Color
5B9D80

Protanomaly
81947C

Deuteranomaly
889183

Tritanomaly
619A97

Monochromacy



Original Color
5B9D80

Achromatopsia
868686

Achromatomaly
768E84

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B9D80 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 #5B9D80 looks like.

```
.text, #text, p{  
    color:#5B9D80  
}
```

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 #5B9D80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B9D80
}
```

Border

The CSS property to change the border of an element to Hex 5B9D80 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
#5B9D80 }
```

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

```
.border{ border-color:#5B9D80 }
```

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

Here you see how a box with a 4 pixel #5B9D80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B9D80; -webkit-box-shadow:4px 4px  
4px 4px #5B9D80; box-shadow:4px 4px 4px  
4px #5B9D80 }
```

Background

The CSS property to change the background color of an element to Hex 5B9D80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B9D80 }
```

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

```
.background{ background-color:#5B9D80 }
```

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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