

# Converting Colors

Hex(5B9780)

Have a look what the booklet for  
Hex(5B9780) contains.

<b>Hex(5B9780)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(5B9780)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5B9780
RGB	91, 151, 128
RGB Percent	36%, 59%, 50%
CMY	0.6431, 0.4078, 0.4980
CMYK	0.40, 0.00, 0.15, 0.41
HSL	157°, 25%, 47%
HSV	157°, 40%, 59%
XYZ	19.2773, 25.9159, 24.4083
YIQ	130.4380, -28.3770, -19.8730

# Conversions

## Conversions Part 2

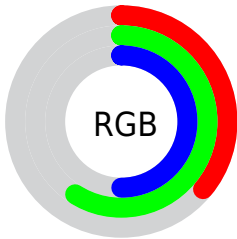
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	91, 128, 151
Decimal	6002560
CIE <sub>Lab</sub>	57.96, -25.01, 6.02
CIE <sub>LCh</sub>	58, 25.726, 166.472
Yxy	25.9159, 0.2770, 0.3723
Android (android.graphics.Color)	4284192640 (0xFF5B9780)
YUV	130.4380, -1.2019, -34.5871
Hunter-Lab	50.9076, -21.4955, 7.2080

# Details

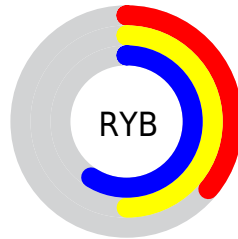
The Hex color **5B9780** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **975B72**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **90CEB5**, and **28644F** is the 20% darker color. If you saturate the color by 10%, you get **4C977A**, and if you desaturate by 10%, it is **6A9786**.

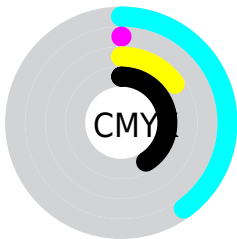
# Distribution



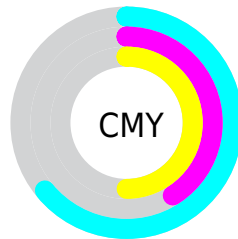
- Red (36%)
- Green (59%)
- Blue (50%)



- Red (36%)
- Yellow (50%)
- Blue (59%)



- Cyan (40%)
- Magenta (0%)
- Yellow (15%)
- Black (41%)



- Cyan (64%)
- Magenta (41%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5B9780 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 5B9780 by changing the saturation by 10% instead.





5B9780



5B9780

FFFFFF



417D67



90CEB5



28644F



ABEAD0



0A4B38



C7FFED



003423



E3FFFF



00200D



000000



5B9780



5B9780



4C977A



6A9786



3D9774



79978C

■ 2E976F

■ 889791

■ 1F9769

■ 979797

■ 0F9763

■ A7979D

■ 00975D

■ B697A3

■ C597A9

■ D497AE

■ E397B4

# Harmonies

## Analogous

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



75946C



5B9780



479897

# Triad

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



5B9780



8089B6



B37F6C

# Complementary

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



5B9780



975B72

# 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.



B87B80



5B9780



9E81AA

# Square

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



5B9780



5F90B6



B17C96



A48660

# Rectangle

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



5B9780



4397A5



B17C96



B67D72



# Sweetspot

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



5B9780



ADC4BB



72975B



56635E



E3E3E3



636363



# Same Dimension

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



5B9780



66C4A0



5B9097



454D4A



008C56



000D08



# Inverse Universe

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



975B72



C4668A



97625B



4D4548



8C0036



0D0005



# Previews

## White Background



This preview shows how the Hex color 5B9780 looks on a white background.

## Color Contrast Check

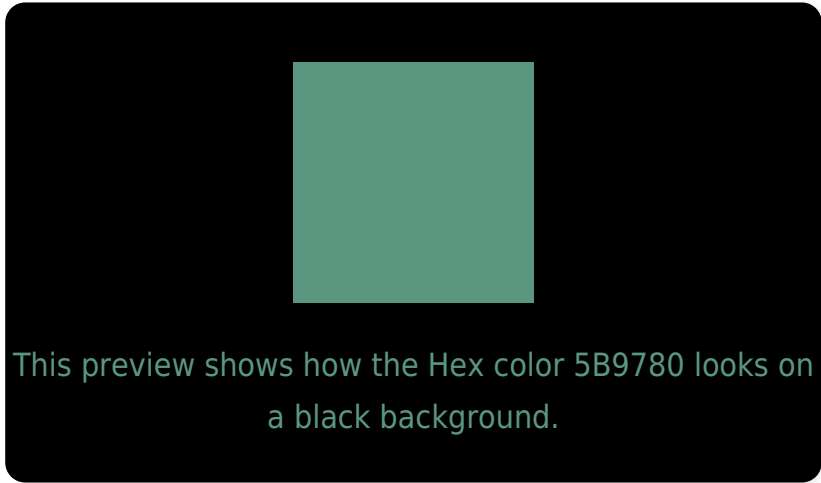
Large Text (above 18pt) WCAG AA ✓ Pass

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 5B9780 Background



This preview shows how black text looks on a background with the Hex color 5B9780.

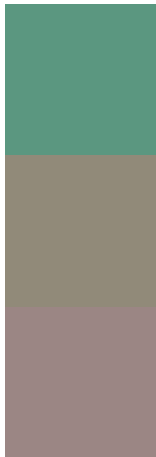


This preview shows how white text looks on a background with the Hex color 5B9780.

# 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



**Original Color**  
5B9780

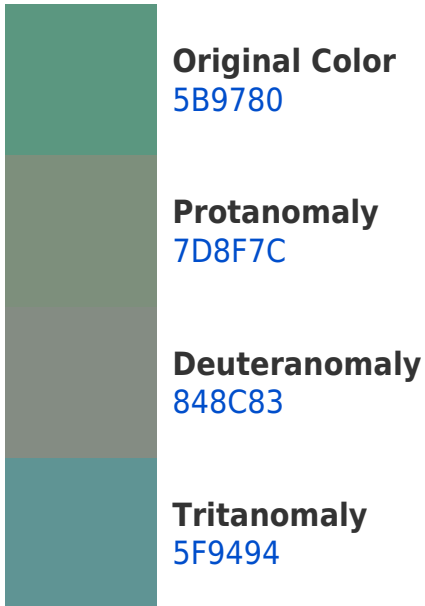
**Protanopia**  
918A79

**Deuteranopia**  
9B8684

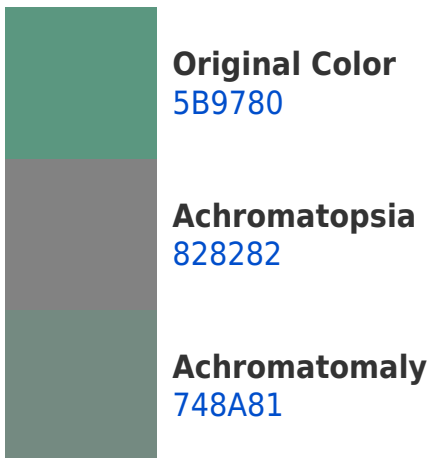


**Tritanopia**  
62939F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5B9780 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 #5B9780 looks like.

```
.text, #text, p{  
    color:#5B9780  
}
```

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 #5B9780 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B9780
}
```

## Border

The CSS property to change the border of an element to Hex 5B9780 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
#5B9780 }
```

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

```
.border{ border-color:#5B9780 }
```

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

Here you see how a box with a 4 pixel #5B9780 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B9780; -webkit-box-shadow:4px 4px  
4px 4px #5B9780; box-shadow:4px 4px 4px  
4px #5B9780 }
```

# Background

The CSS property to change the background color of an element to Hex 5B9780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B9780 }
```

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

```
.background{ background-color:#5B9780 }
```

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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