

# Converting Colors

Hex(58B19E)

Have a look what the booklet for  
Hex(58B19E) contains.

<b>Hex(58B19E)</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(58B19E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	58B19E
RGB	88, 177, 158
RGB Percent	35%, 69%, 62%
CMY	0.6549, 0.3059, 0.3804
CMYK	0.50, 0.00, 0.11, 0.31
HSL	167°, 36%, 52%
HSV	167°, 50%, 69%
XYZ	25.9182, 35.9876, 37.9280
YIQ	148.2230, -46.9450, -24.7770

# Conversions

## Conversions Part 2

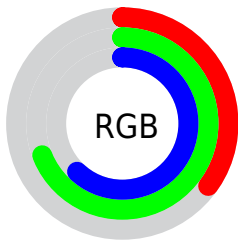
<b>Format</b>	<b>Color</b>
<b>RYB</b>	88, 138, 177
Decimal	5812638
CIELab	66.51, -31.41, 1.54
CIELCh	67, 31.452, 177.199
Yxy	35.9876, 0.2596, 0.3605
Android (android.graphics.Color)	4284002718 (0xFF58B19E)
YUV	148.2230, 4.8201, -52.8156
Hunter-Lab	59.9897, -27.8620, 4.5071

# Details

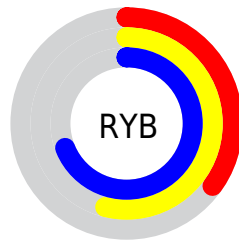
The Hex color **58B19E** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B1586B**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **90E9D5**, and **1A7C6B** is the 20% darker color. If you saturate the color by 10%, you get **46B19A**, and if you desaturate by 10%, it is **6AB1A2**.

# Distribution



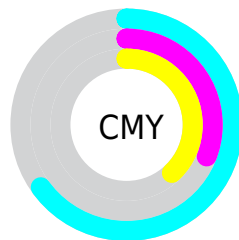
- Red (35%)
- Green (69%)
- Blue (62%)



- Red (35%)
- Yellow (54%)
- Blue (69%)



- Cyan (50%)
- Magenta (0%)
- Yellow (11%)
- Black (31%)



- Cyan (65%)
- Magenta (31%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 58B19E 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 58B19E by changing the saturation by 10% instead.



 58B19E

 58B19E

FFFFFF

 3B9684

 90E9D5

 1A7C6B

 ACFFF1

 006253

 C9FFFF

 004A3C

 E6FFFF

 003326

 001F11

 000000

 58B19E

 58B19E

 46B19A

 6AB1A2

■ 35B196

■ 7BB1A6

■ 23B193

■ 8DB1A9

■ 11B18F

■ 9FB1AD

■ 00B18B

■ B1B1B1

■ C2B1B5

■ D4B1B8

■ E6B1BC

■ F7B1C0

# Harmonies

## Analogous

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



79AE82



58B19E



41B1BB

# Triad

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



58B19E



A29BD4



CE9573

# Complementary

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



58B19E



B1586B

# 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.



D98E89



58B19E



C392C1

# Square

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



58B19E



77A5DA



D68DA6



B89F69

# Rectangle

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



58B19E



46AECA



D68DA6



D39379



# Sweetspot

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



58B19E



C3E6DE



6BB158



5E736E



F2F2F2



737373



# Same Dimension

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



58B19E



5CE6C8



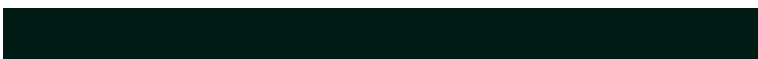
5898B1



505957



009978



001A14



# Inverse Universe

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



B1586B



E65C79



B17158



595052



990021

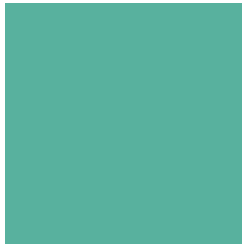


1A0005



# Previews

## White Background



This preview shows how the Hex color 58B19E looks on a white background.

## Color Contrast Check

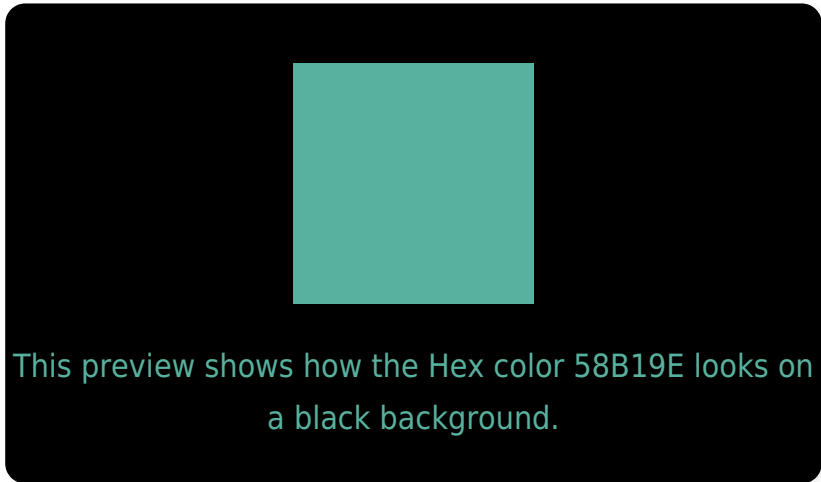
Large Text (above 18pt) WCAG AA × Fail

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

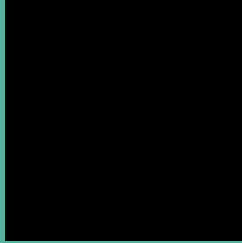
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 58B19E Background



This preview shows how black text looks on a background with the Hex color 58B19E.

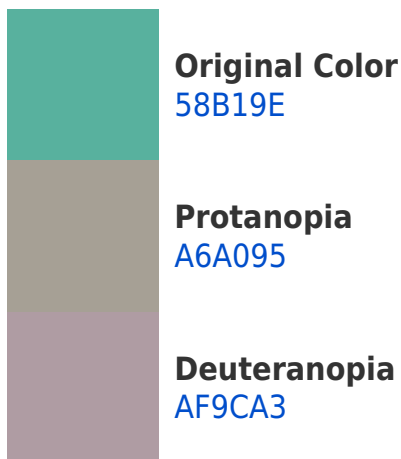


This preview shows how white text looks on a background with the Hex color 58B19E.

# 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](#).

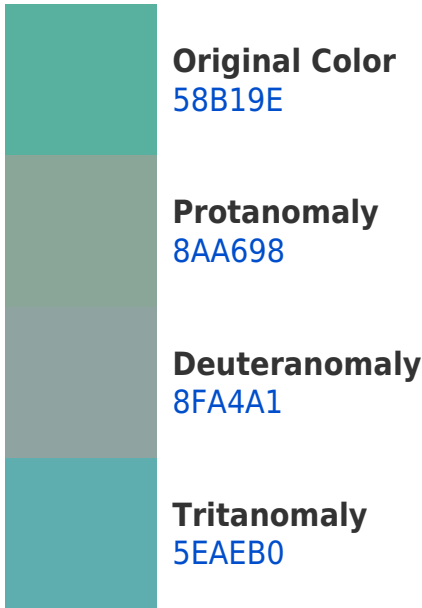
## Dichromacy





**Tritanopia**  
61ADBB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 58B19E 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 #58B19E looks like.

```
.text, #text, p{  
    color:#58B19E  
}
```

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 #58B19E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #58B19E
}
```

## Border

The CSS property to change the border of an element to Hex 58B19E 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
#58B19E }
```

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

```
.border{ border-color:#58B19E }
```

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

Here you see how a box with a 4 pixel #58B19E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #58B19E; -webkit-box-shadow:4px 4px  
4px 4px #58B19E; box-shadow:4px 4px 4px  
4px #58B19E }
```

# Background

The CSS property to change the background color of an element to Hex 58B19E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#58B19E }
```

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

```
.background{ background-color:#58B19E }
```

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