

# Converting Colors

Hex(59B17D)

Have a look what the booklet for  
Hex(59B17D) contains.

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**Color**

**Hex(59B17D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	59B17D
RGB	89, 177, 125
RGB Percent	35%, 69%, 49%
CMY	0.6510, 0.3059, 0.5098
CMYK	0.50, 0.00, 0.29, 0.31
HSL	145°, 36%, 52%
HSV	145°, 50%, 69%
XYZ	23.5436, 35.0488, 24.9263
YIQ	144.7600, -35.7560, -34.8280

# Conversions

## Conversions Part 2

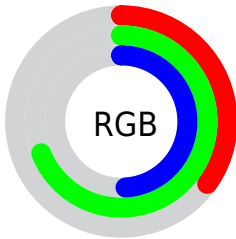
Format	Color
<a href="#">RYB</a>	<a href="#">89, 151, 177</a>
Decimal	<a href="#">5878141</a>
CIELab	<a href="#">65.79, -38.52, 18.66</a>
CIELCh	<a href="#">66, 42.799, 154.146</a>
Yxy	<a href="#">35.0488, 0.2819, 0.4197</a>
Android (android.graphics.Color)	<a href="#">4284068221</a> ( <a href="#">0xFF59B17D</a> )
YUV	<a href="#">144.7600, -9.7417, -48.9015</a>
Hunter-Lab	<a href="#">59.2020, -32.6171, 16.4781</a>

# Details

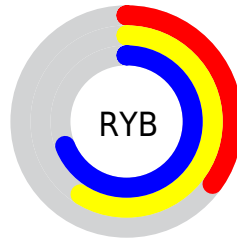
The Hex color **59B17D** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **B1598D**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **90E9B2**, and **1E7C4C** is the 20% darker color. If you saturate the color by 10%, you get **47B173**, and if you desaturate by 10%, it is **6BB187**.

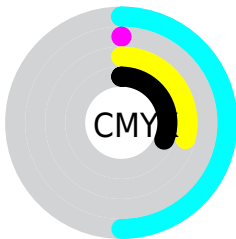
# Distribution



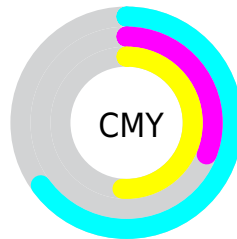
- Red (35%)
- Green (69%)
- Blue (49%)



- Red (35%)
- Yellow (59%)
- Blue (69%)



- Cyan (50%)
- Magenta (0%)
- Yellow (29%)
- Black (31%)



- Cyan (65%)
- Magenta (31%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 59B17D 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 59B17D by changing the saturation by 10% instead.




 59B17D

 59B17D

FFFFFF

 3D9664

 90E9B2

 1E7C4C

 ACFFCD

 006235

 C9FFEA

 004A1F

 E6FFFF

 003208

 001D00

 000000

 59B17D

 59B17D

 47B173

 6BB187

 36B168

 7CB192

 24B15E

 8EB19C

 12B153

 A0B1A7

 01B149

 B2B1B1

 00B148

 C3B1BC

 D5B1C6

 E7B1D1

 F8B1DB

# Harmonies

## Analogous

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



8AAA5E



59B17D



00B4A4

# Triad

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



59B17D



6CA2EC



E68577

# Complementary

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



59B17D



B1598D

# 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.



E8809C



59B17D



AA94DF

# Square

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



59B17D



00ADE4



D486C2



D3925B

# Rectangle

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



59B17D



00B3BE



D486C2



E98382



# Sweetspot

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



59B17D



C3E6D1



8EB159



5E7367



F2F2F2



737373



# Same Dimension

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



59B17D



5CE694



59B1A8



505954



00993F



001A0A



# Inverse Universe

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



B1598D



E65CAD



B15962



595056



99005A



1A000F



# Previews

## White Background



This preview shows how the Hex color 59B17D looks on a white background.

## Color Contrast Check

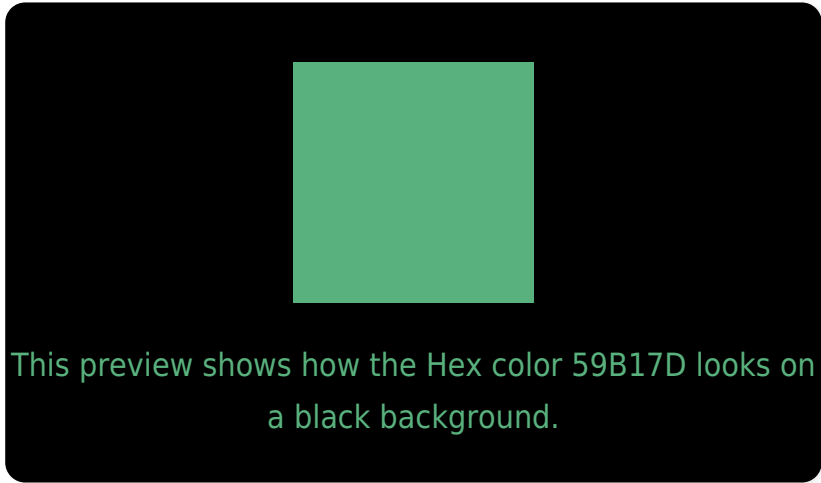
Large Text (above 18pt) WCAG AA × Fail

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

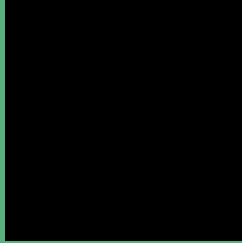
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 59B17D Background



This preview shows how black text looks on a background with the Hex color 59B17D.

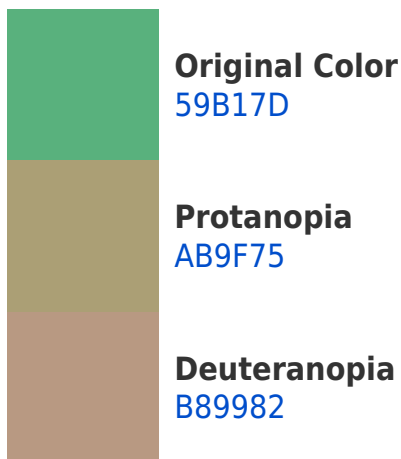


This preview shows how white text looks on a background with the Hex color 59B17D.

# 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](#).

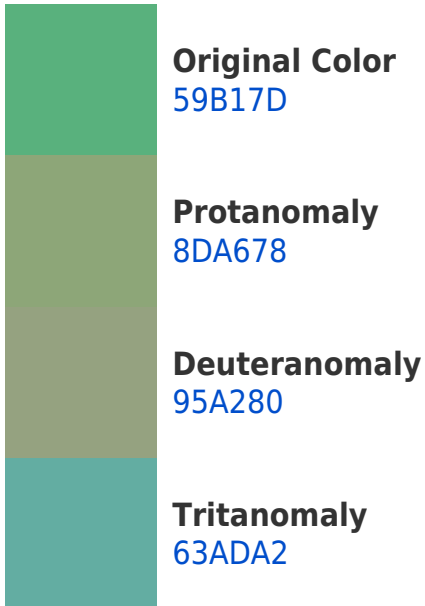
## Dichromacy



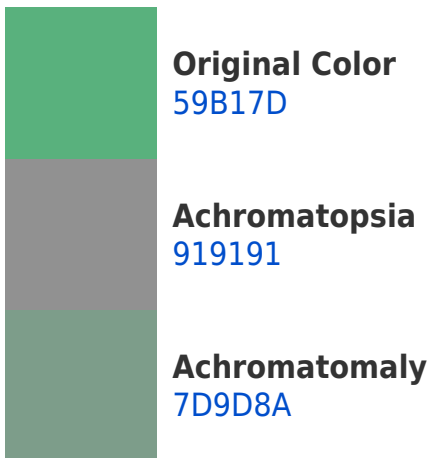


**Tritanopia**  
68AAB7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 59B17D 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 #59B17D looks like.

```
.text, #text, p{  
    color:#59B17D  
}
```

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 #59B17D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59B17D
}
```

## Border

The CSS property to change the border of an element to Hex 59B17D 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
#59B17D }
```

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

```
.border{ border-color:#59B17D }
```

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

Here you see how a box with a 4 pixel #59B17D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59B17D; -webkit-box-shadow:4px 4px  
4px 4px #59B17D; box-shadow:4px 4px 4px  
4px #59B17D }
```

# Background

The CSS property to change the background color of an element to Hex 59B17D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59B17D }
```

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

```
.background{ background-color:#59B17D }
```

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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