

# Converting Colors

Hex(57B9A6)

Have a look what the booklet for  
Hex(57B9A6) contains.

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**Color**

**Hex(57B9A6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	57B9A6
RGB	87, 185, 166
RGB Percent	34%, 73%, 65%
CMY	0.6588, 0.2745, 0.3490
CMYK	0.53, 0.00, 0.10, 0.27
HSL	168°, 41%, 53%
HSV	168°, 53%, 73%
XYZ	28.1624, 39.4773, 42.2120
YIQ	153.5320, -52.3090, -26.6850

# Conversions

## Conversions Part 2

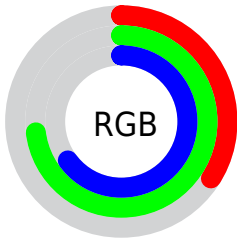
<b>Format</b>	<b>Color</b>
<b>RYB</b>	87, 141, 185
Decimal	5749158
CIELab	69.10, -33.46, 0.88
CIElCh	69, 33.469, 178.487
Yxy	39.4773, 0.2564, 0.3594
Android (android.graphics.Color)	4283939238 (0xFF57B9A6)
YUV	153.5320, 6.1467, -58.3486
Hunter-Lab	62.8310, -29.9462, 4.1487

# Details

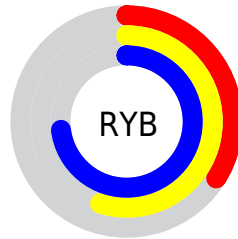
The Hex color **57B9A6** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **B9576A**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **90F2DD**, and **138372** is the 20% darker color. If you saturate the color by 10%, you get **45B9A2**, and if you desaturate by 10%, it is **6AB9AA**.

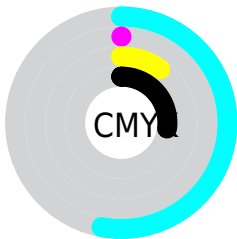
# Distribution



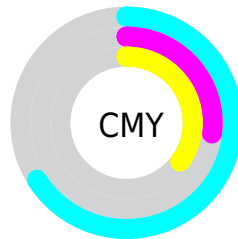
- Red (34%)
- Green (73%)
- Blue (65%)



- Red (34%)
- Yellow (55%)
- Blue (73%)



- Cyan (53%)
- Magenta (0%)
- Yellow (10%)
- Black (27%)



- Cyan (66%)
- Magenta (27%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 57B9A6 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 57B9A6 by changing the saturation by 10% instead.



 57B9A6

 57B9A6

FFFFFF

 399E8C

 90F2DD

 138372

 ADFFFA

 006A5A

 C9FFFF

 005142

 E7FFFF

 00392C

 002418

 000000

 57B9A6

 57B9A6

 45B9A2

 6AB9AA

 32B99F

 7CB9AD

 20B99B

 8FB9B1

 0DB998

 A1B9B4

 00B995

 B4B9B8

 C6B9BC

 D9B9BF

 EBB9C3

 FDB9C6

# Harmonies

## Analogous

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



7CB688



57B9A6



3DB8C4

# Triad

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



57B9A6



AAA1DE



D79C76

# Complementary

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



57B9A6



B9576A

# 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.



E4948D



57B9A6



CE97C9

# Square

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



57B9A6



7DACE5



E192AB



BFA66C

# Rectangle

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



57B9A6



44B6D5



E192AB



DD997D



# Sweetspot

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



57B9A6



C9F0E8



6BB957



617873



F7F7F7



787878



# Same Dimension

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



57B9A6



56F0D2



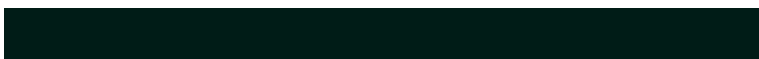
579CB9



535C5A



009C7D



001C17



# Inverse Universe

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



B9576A



F05674



B97457



5C5354



9C001E

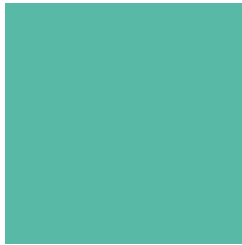


1C0005



# Previews

## White Background



This preview shows how the Hex color 57B9A6 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



This preview shows how the Hex color 57B9A6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

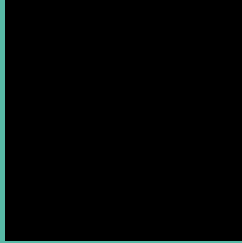
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

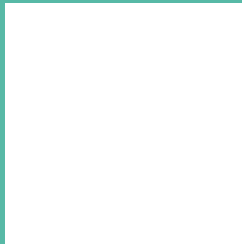
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 57B9A6 Background



This preview shows how black text looks on a background with the Hex color 57B9A6.

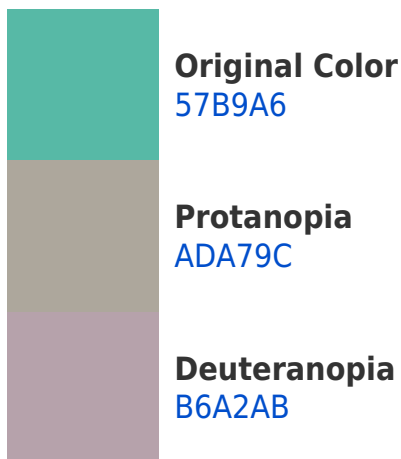


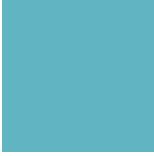
This preview shows how white text looks on a background with the Hex color 57B9A6.

# 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



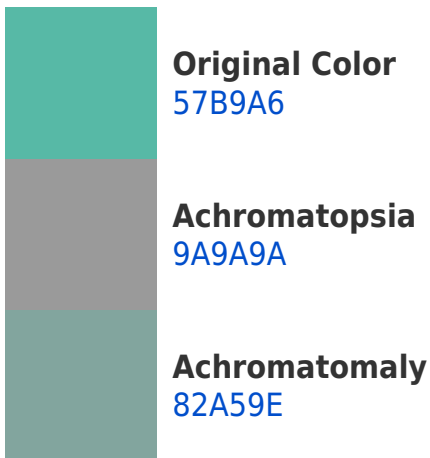


**Tritanopia**  
61B5C3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 57B9A6 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 #57B9A6 looks like.

```
.text, #text, p{  
    color:#57B9A6  
}
```

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 #57B9A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57B9A6
}
```

## Border

The CSS property to change the border of an element to Hex 57B9A6 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
#57B9A6 }
```

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

```
.border{ border-color:#57B9A6 }
```

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

Here you see how a box with a 4 pixel #57B9A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57B9A6; -webkit-box-shadow:4px 4px  
4px 4px #57B9A6; box-shadow:4px 4px 4px  
4px #57B9A6 }
```

# Background

The CSS property to change the background color of an element to Hex 57B9A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57B9A6 }
```

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

```
.background{ background-color:#57B9A6 }
```

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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