

Converting Colors

Hex(57B99B)

Have a look what the booklet for
Hex(57B99B) contains.

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Color

Hex(57B99B)

Conversions

Conversions Part 1

Format	Color
Hex	57B99B
RGB	87, 185, 155
RGB Percent	34%, 73%, 61%
CMY	0.6588, 0.2745, 0.3922
CMYK	0.53, 0.00, 0.16, 0.27
HSL	162°, 41%, 53%
HSV	162°, 53%, 73%
XYZ	27.1958, 39.0907, 37.1222
YIQ	152.2780, -48.7780, -30.1060

Conversions

Conversions Part 2

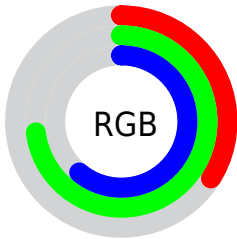
Format	Color
RYB	87, 145, 185
Decimal	5749147
CIELab	68.82, -36.11, 6.52
CIElCh	69, 36.697, 169.770
Yxy	39.0907, 0.2630, 0.3780
Android (android.graphics.Color)	4283939227 (0xFF57B99B)
YUV	152.2780, 1.3419, -57.2488
Hunter-Lab	62.5226, -31.7712, 8.5629

Details

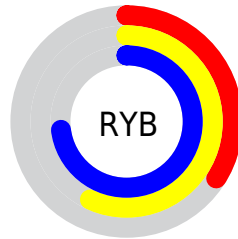
The Hex color **57B99B** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **B95775**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **90F2D1**, and **158368** is the 20% darker color. If you saturate the color by 10%, you get **45B995**, and if you desaturate by 10%, it is **6AB9A1**.

Distribution



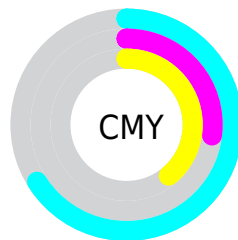
- Red (34%)
- Green (73%)
- Blue (61%)



- Red (34%)
- Yellow (57%)
- Blue (73%)



- Cyan (53%)
- Magenta (0%)
- Yellow (16%)
- Black (27%)



- Cyan (66%)
- Magenta (27%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 57B99B 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 57B99B by changing the saturation by 10% instead.

 57B99B

 57B99B

FFFFFF

 399E81

 90F2D1

 158368

 ACFFEE

 006A50

 C9FFFF

 005139

 E6FFFF

 003923

 00250E

 000000

 57B99B

 57B99B

 45B995

 6AB9A1

■ 32B990

■ 7CB9A6

■ 20B98A

■ 8FB9AC

■ 0DB984

■ A1B9B2

■ 00B980

■ B4B9B7

■ C6B9BD

■ D9B9C3

■ EBB9C8

■ FDB9CE

Harmonies

Analogous

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



82B57C



57B99B



29BABD

Triad

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



57B99B



9BA3E6



DF9777

Complementary

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



57B99B



B95775

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.



E98F93



57B99B



C798D3

Square

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



57B99B



64AFE9



E18FB5



C8A266

Rectangle

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



57B99B



1FB8D1



E18FB5



E4937F

Sweetspot

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



57B99B



C9F0E4



76B957



617871



F7F7F7



787878

Same Dimension

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



57B99B



56F0C1



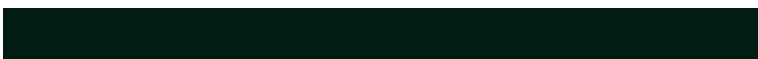
57A7B9



535C59



009C6C



001C13

Inverse Universe

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



B95775



F05685



B96957



5C5355



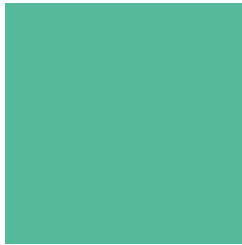
9C0030



1C0009

Previews

White Background



This preview shows how the Hex color 57B99B 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 57B99B looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

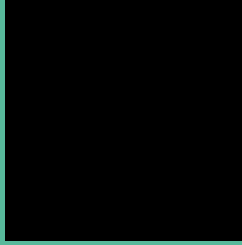
Any Text WCAG AA ✓ Pass

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 57B99B Background



This preview shows how black text looks on a background with the Hex color 57B99B.

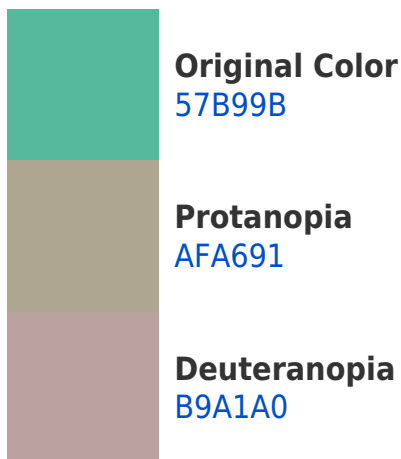


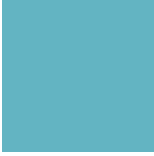
This preview shows how white text looks on a background with the Hex color 57B99B.

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](#).

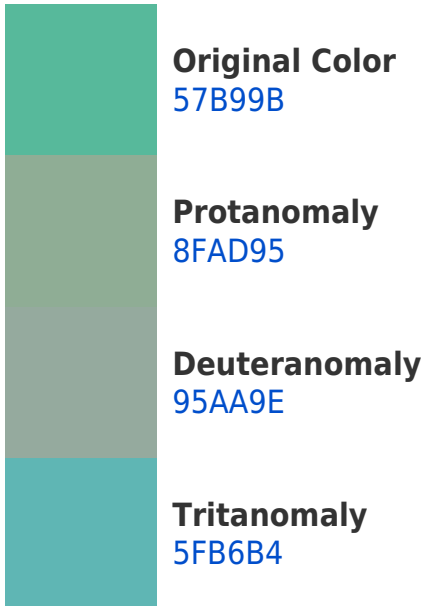
Dichromacy



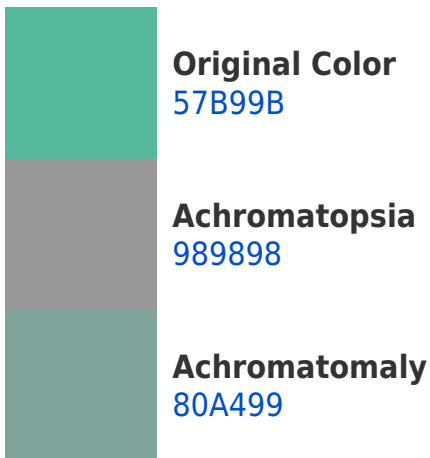


Tritanopia
63B4C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 57B99B 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 #57B99B looks like.

```
.text, #text, p{  
    color:#57B99B  
}
```

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 #57B99B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57B99B
}
```

Border

The CSS property to change the border of an element to Hex 57B99B 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
#57B99B }
```

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

```
.border{ border-color:#57B99B }
```

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

Here you see how a box with a 4 pixel #57B99B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57B99B; -webkit-box-shadow:4px 4px  
4px 4px #57B99B; box-shadow:4px 4px 4px  
4px #57B99B }
```

Background

The CSS property to change the background color of an element to Hex 57B99B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57B99B }
```

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

```
.background{ background-color:#57B99B }
```

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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