

Converting Colors

Hex(57CEAF)

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

Hex(57CEAF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(57CEAF)

Conversions

Conversions Part 1

Format	Color
Hex	57CEAF
RGB	87, 206, 175
RGB Percent	34%, 81%, 69%
CMY	0.6588, 0.1922, 0.3137
CMYK	0.58, 0.00, 0.15, 0.19
HSL	164°, 55%, 57%
HSV	164°, 58%, 81%
XYZ	33.7397, 49.2640, 48.2881
YIQ	166.8850, -60.9730, -34.8690

Conversions

Conversions Part 2

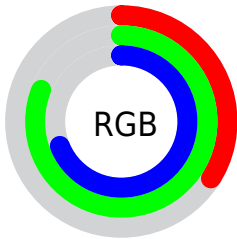
Format	Color
RYB	87, 155, 206
Decimal	5754543
CIELab	75.62, -40.87, 5.44
CIELCh	76, 41.226, 172.419
Yxy	49.2640, 0.2570, 0.3752
Android (android.graphics.Color)	4283944623 (0xFF57CEAF)
YUV	166.8850, 4.0007, -70.0591
Hunter-Lab	70.1883, -37.0243, 8.3416

Details

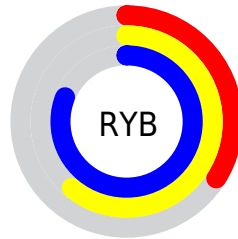
The Hex color **57CEAF** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **CE5776**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **92FFE6**, and **00977B** is the 20% darker color. If you saturate the color by 10%, you get **42CEAA**, and if you desaturate by 10%, it is **6CCEB4**.

Distribution



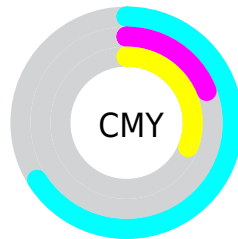
- Red (34%)
- Green (81%)
- Blue (69%)



- Red (34%)
- Yellow (61%)
- Blue (81%)



- Cyan (58%)
- Magenta (0%)
- Yellow (15%)
- Black (19%)



- Cyan (66%)
- Magenta (19%)
- Yellow (31%)

Brightness & Saturation Gradients

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

 57CEAF

 57CEAF

FFFFFF

 36B294

 92FFE6

 00977B

 B0FFFF

 007C62

 CDFFFF

 00634A

 EBFFFF

 004A33

 00321E

 001C06

 000000

 57CEAF

 57CEAF

 42CEAA

 6CCEB4

 2ECEA4

 80CEBA

 19CE9F

 95CEBF

 05CE9A

 A9CEC4

 00CE98

 BECECA

 D3CECF

 E7CED5

 FCCEDA

 FFCEDF

Harmonies

Analogous

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



8AC98B



57CEAF



13CED6

Triad

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



57CEAF



B1B4FF



F8A87F

Complementary

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



57CEAF



CE5776

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.



FF9E9F



57CEAF



E1A6E9

Square

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



57CEAF



71C1FF



FD9DC6



DCB56F

Rectangle

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



57CEAF



02CCEC



FD9DC6



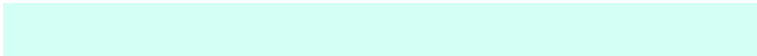
FEA489

Sweetspot

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



57CEAF



D4FFF4



77CE57



668079



000000



808080

Same Dimension

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



57CEAF



4FFFD1



57B2CE



5C6663



00A67B



00261C

Inverse Universe

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



CE5776



FF4F7D



CE7357



665C5E



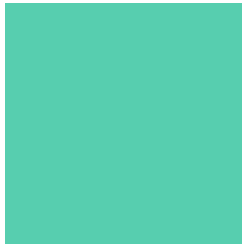
A6002B



26000A

Previews

White Background



This preview shows how the Hex color 57CEAF 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 57CEAF 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

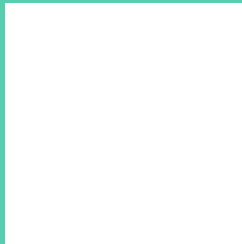
Any Text WCAG AAA ✓ Pass

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

Hex 57CEAF Background



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

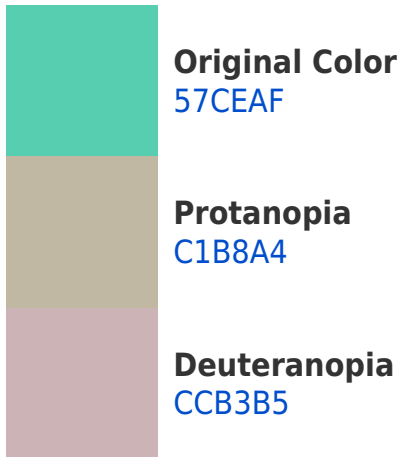


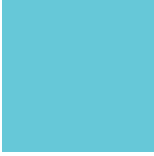
This preview shows how white text looks on a background with the Hex color 57CEAF.

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](#).

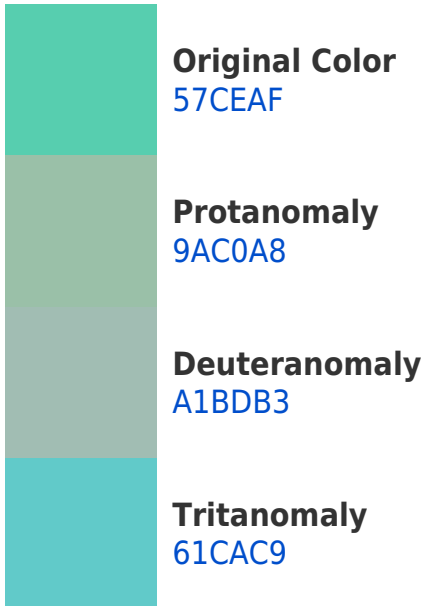
Dichromacy



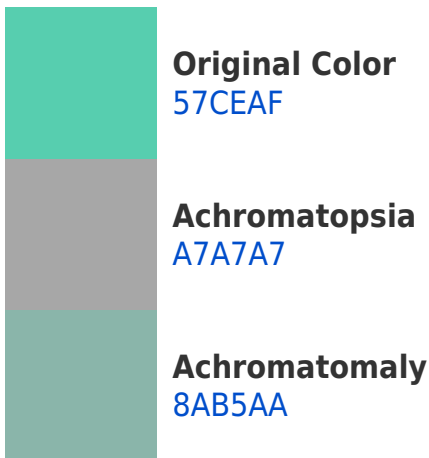


Tritanopia
66C8D8

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #57CEAF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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