

Converting Colors

Hex(57C6AF)

Have a look what the booklet for
Hex(57C6AF) contains.

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Color

Hex(57C6AF)

Conversions

Conversions Part 1

Format	Color
Hex	57C6AF
RGB	87, 198, 175
RGB Percent	34%, 78%, 69%
CMY	0.6588, 0.2235, 0.3137
CMYK	0.56, 0.00, 0.12, 0.22
HSL	168°, 49%, 56%
HSV	168°, 56%, 78%
XYZ	31.8624, 45.5095, 47.6623
YIQ	162.1890, -58.7730, -30.6850

Conversions

Conversions Part 2

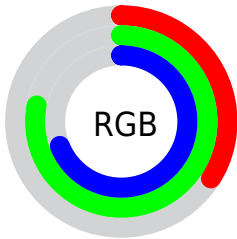
Format	Color
RYB	87, 149, 198
Decimal	5752495
CIELab	73.23, -37.26, 1.98
CIELCh	73, 37.312, 176.956
Yxy	45.5095, 0.2548, 0.3640
Android (android.graphics.Color)	4283942575 (0xFF57C6AF)
YUV	162.1890, 6.3158, -65.9408
Hunter-Lab	67.4608, -33.7489, 5.3330

Details

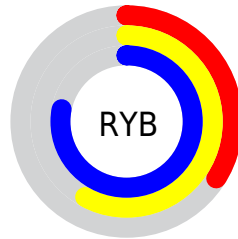
The Hex color **57C6AF** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted spring green. A complement of this color would be **C6576E**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **92FFE6**, and **088F7B** is the 20% darker color. If you saturate the color by 10%, you get **43C6AB**, and if you desaturate by 10%, it is **6BC6B3**.

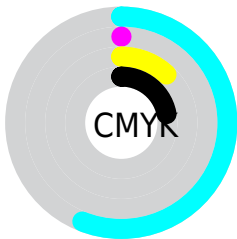
Distribution



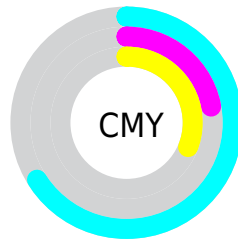
- Red (34%)
- Green (78%)
- Blue (69%)



- Red (34%)
- Yellow (58%)
- Blue (78%)



- Cyan (56%)
- Magenta (0%)
- Yellow (12%)
- Black (22%)



- Cyan (66%)
- Magenta (22%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 57C6AF 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 57C6AF by changing the saturation by 10% instead.

 57C6AF

 57C6AF

FFFFFF

 37AA94

 92FFE6

 088F7B

 AFFFFFF

 007562

 CCFFFF

 005C4A

 EAFFFF

 004434

 002D1E

 001406

 000000

 57C6AF

 57C6AF

 43C6AB

 6BC6B3

 2FC6A7

 7FC6B7

 1CC6A3

 92C6BB

 08C69F

 A6C6BF

 00C69D

 BAC6C4

 CEC6C8

 E2C6CC

 F5C6D0

 FFC6D4

Harmonies

Analogous

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



83C28D



57C6AF



31C6D2

Triad

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



57C6AF



B3ACF1



E9A57C

Complementary

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



57C6AF



C6576E

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.



F69C97



57C6AF



DCA0DA

Square

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



57C6AF



7EB8F8



F39AB9



CEB16F

Rectangle

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



57C6AF



37C3E5



F39AB9



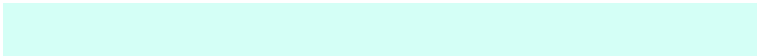
EFA183

Sweetspot

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



57C6AF



D4FFF6



6FC657



66807A



000000



808080

Same Dimension

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



57C6AF



54FFDC



57A7C6



5A6361



00A381



00241C

Inverse Universe

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



C6576E



FF5478



C67657



635A5C



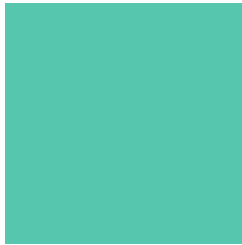
A30022



240007

Previews

White Background



This preview shows how the Hex color 57C6AF 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 57C6AF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

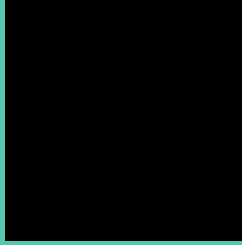
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

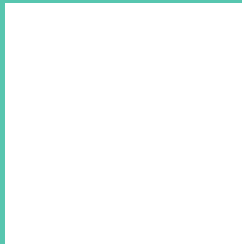
Any Text WCAG AAA ✓ Pass

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

Hex 57C6AF Background



This preview shows how black text looks on a background with the Hex color 57C6AF.

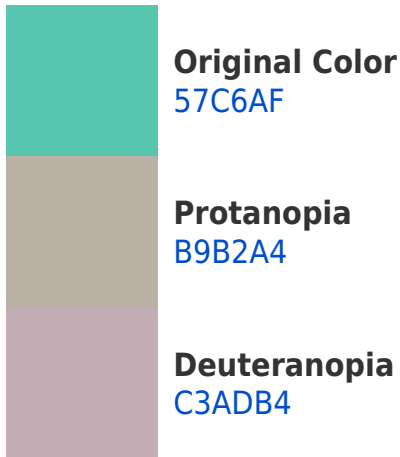


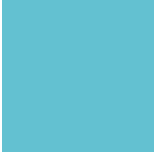
This preview shows how white text looks on a background with the Hex color 57C6AF.

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
63C1D1

Trichromacy



Original Color
57C6AF



Protanomaly
95B9A8



Deuteranomaly
9CB6B2



Tritanomaly
5FC3C5

Monochromacy



Original Color
57C6AF



Achromatopsia
A2A2A2



Achromatomaly
87AFA7

CSS Examples

Text

The CSS property to change the color of the text to Hex 57C6AF 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 #57C6AF looks like.

```
.text, #text, p{  
    color:#57C6AF  
}
```

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 #57C6AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #57C6AF
}
```

Border

The CSS property to change the border of an element to Hex 57C6AF 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
#57C6AF }
```

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

```
.border{ border-color:#57C6AF }
```

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

Here you see how a box with a 4 pixel #57C6AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #57C6AF; -webkit-box-shadow:4px 4px  
4px 4px #57C6AF; box-shadow:4px 4px 4px  
4px #57C6AF }
```

Background

The CSS property to change the background color of an element to Hex 57C6AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#57C6AF }
```

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

```
.background{ background-color:#57C6AF }
```

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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