

Converting Colors

Hex(55C1AF)

Have a look what the booklet for
Hex(55C1AF) contains.

Hex(55C1AF)	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(55C1AF)

Conversions

Conversions Part 1

Format	Color
Hex	55C1AF
RGB	85, 193, 175
RGB Percent	33%, 76%, 69%
CMY	0.6667, 0.2431, 0.3137
CMYK	0.56, 0.00, 0.09, 0.24
HSL	170°, 47%, 55%
HSV	170°, 56%, 76%
XYZ	30.5541, 43.1664, 47.2790
YIQ	158.6560, -58.5900, -28.4940

Conversions

Conversions Part 2

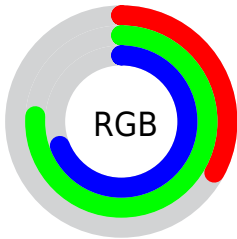
Format	Color
RYB	85, 144, 193
Decimal	5620143
CIELab	71.67, -35.36, -0.30
CIELCh	72, 35.364, 180.482
Yxy	43.1664, 0.2525, 0.3567
Android (android.graphics.Color)	4283810223 (0xFF55C1AF)
YUV	158.6560, 8.0576, -64.5963
Hunter-Lab	65.7011, -31.9660, 3.3253

Details

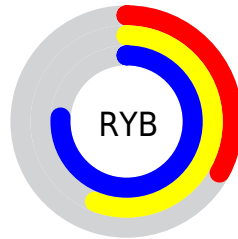
The Hex color **55C1AF** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted spring green. A complement of this color would be **C15567**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **8FFAE6**, and **048B7B** is the 20% darker color. If you saturate the color by 10%, you get **42C1AC**, and if you desaturate by 10%, it is **68C1B2**.

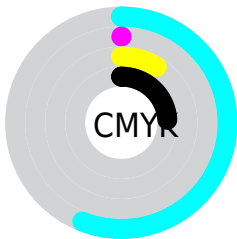
Distribution



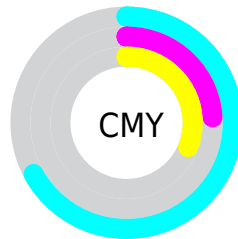
- Red (33%)
- Green (76%)
- Blue (69%)



- Red (33%)
- Yellow (56%)
- Blue (76%)



- Cyan (56%)
- Magenta (0%)
- Yellow (9%)
- Black (24%)



- Cyan (67%)
- Magenta (24%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55C1AF 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 55C1AF by changing the saturation by 10% instead.

 55C1AF

 55C1AF

FFFFFF

 35A694

 8FFAE6

 048B7B

 ACFFFF

 007162

 CAFFFF

 00584A

 E7FFFF

 004034

 00291F

 000C06

 000000

 55C1AF

 55C1AF

 42C1AC

 68C1B2

 2EC1A9

 7CC1B5

 1BC1A5

 8FC1B9

 08C1A2

 A2C1BC

 00C1A1

 B6C1BF

 C9C1C2

 DCC1C6

 EFC1C9

 FFC1CC

Harmonies

Analogous

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



7DBE8F



55C1AF



39C0CF

Triad

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



55C1AF



B4A7E7



DFA378

Complementary

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



55C1AF



C15567

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.



EE9A90



55C1AF



D99CD0

Square

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



55C1AF



84B2F0



EC97B0



C5AE6F

Rectangle

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



55C1AF



43BDE0



EC97B0



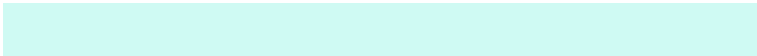
E69F7F

Sweetspot

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



55C1AF



CFFAF3



67C155



647D79



FCFCFC



7D7D7D

Same Dimension

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



55C1AF



52FADE



559DC1



57615F



00A186



00211C

Inverse Universe

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



C15567



FA526E



C17955



615759



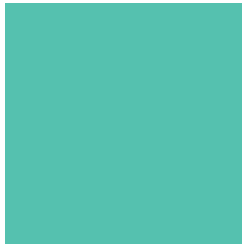
A1001B



210006

Previews

White Background



This preview shows how the Hex color 55C1AF looks on a white background.

Color Contrast Check

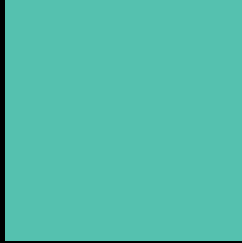
Large Text (above 18pt) WCAG AA × Fail

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 55C1AF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

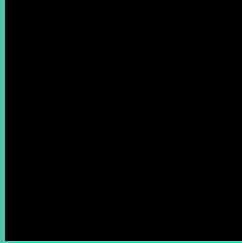
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

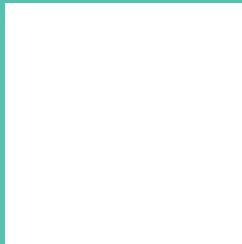
Any Text WCAG AAA ✓ Pass

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

Hex 55C1AF Background



This preview shows how black text looks on a background with the Hex color 55C1AF.

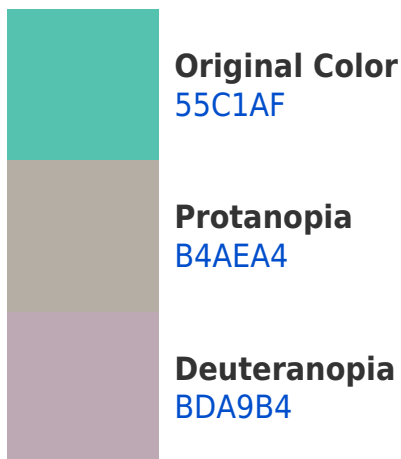


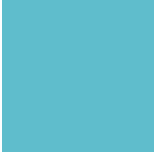
This preview shows how white text looks on a background with the Hex color 55C1AF.

Color Blindness Simulation

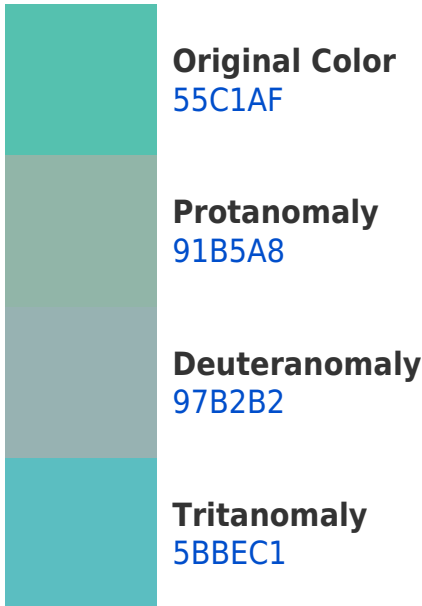
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

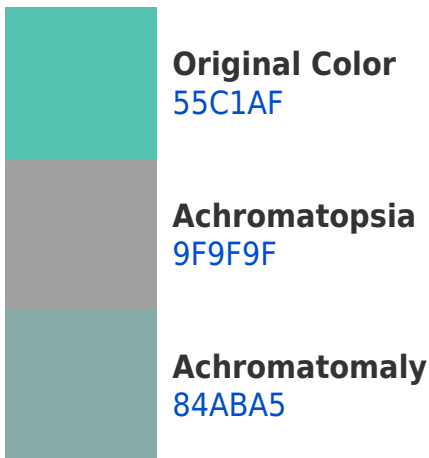




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 55C1AF 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 #55C1AF looks like.

```
.text, #text, p{  
    color:#55C1AF  
}
```

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 #55C1AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55C1AF
}
```

Border

The CSS property to change the border of an element to Hex 55C1AF 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
#55C1AF }
```

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

```
.border{ border-color:#55C1AF }
```

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

Here you see how a box with a 4 pixel #55C1AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55C1AF; -webkit-box-shadow:4px 4px  
4px 4px #55C1AF; box-shadow:4px 4px 4px  
4px #55C1AF }
```

Background

The CSS property to change the background color of an element to Hex 55C1AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55C1AF }
```

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

```
.background{ background-color:#55C1AF }
```

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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