

Converting Colors

Hex(55C0A9)

Have a look what the booklet for
Hex(55C0A9) contains.

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Color

Hex(55C0A9)

Conversions

Conversions Part 1	
Format	Color
Hex	55C0A9
RGB	85, 192, 169
RGB Percent	33%, 75%, 66%
CMY	0.6667, 0.2471, 0.3373
CMYK	0.56, 0.00, 0.12, 0.25
HSL	167°, 46%, 54%
HSV	167°, 56%, 75%
XYZ	29.7574, 42.4951, 44.1701
YIQ	157.3850, -56.3890, -29.8370

Conversions

Conversions Part 2

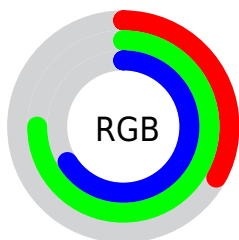
Format	Color
RYB	85, 145, 192
Decimal	5619881
CIELab	71.21, -36.40, 2.31
CIELCh	71, 36.470, 176.369
Yxy	42.4951, 0.2556, 0.3650
Android (android.graphics.Color)	4283809961 (0xFF55C0A9)
YUV	157.3850, 5.7262, -63.4816
Hunter-Lab	65.1883, -32.5972, 5.4582

Details

The Hex color **55C0A9** 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 **C0556C**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **8FF9E0**, and **078A75** is the 20% darker color. If you saturate the color by 10%, you get **42C0A5**, and if you desaturate by 10%, it is **68C0AD**.

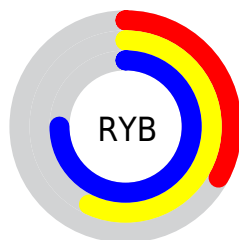
Distribution



Red (33%)

Green (75%)

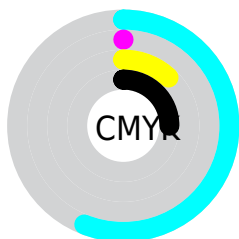
Blue (66%)



Red (33%)

Yellow (57%)

Blue (75%)

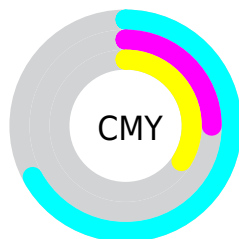


Cyan (56%)

Magenta (0%)

Yellow (12%)

Black (25%)



Cyan (67%)

Magenta (25%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 55C0A9 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 55C0A9 by changing the saturation by 10% instead.

 55C0A9

FFFFFF

 8FF9E0

 ACFFFD

 C9FFFF

 E7FFFF

 55C0A9

 36A58F

 078A75

 00705C

 005745

 003F2F

 00291A

 000800

 000000

 55C0A9

 55C0A9

 42C0A5

 68C0AD

 2FC0A1

 7BC0B1

 1BC09D

 8FC0B5

 08C098

 A2C0BA

 00C097

 B5C0BE

 C8C0C2

 DBC0C6

 EFC0CA

 FFC0CE

Harmonies

Analogous

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



7FBC88



55C0A9



30C0CB

Triad

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



55C0A9



ADA7EA



E29F78

Complementary

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



55C0A9



C0556C

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.



EF9793



55C0A9



D59CD4

Square

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



55C0A9



79B3F0



EB95B4



C8AB6C

Rectangle

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



55C0A9



35BDDD



EB95B4



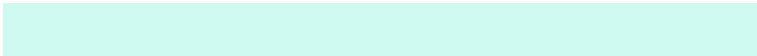
E89C80

Sweetspot

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



55C0A9



CFFAF1



6CC055



647D78



FCFCFC



7D7D7D

Same Dimension

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



55C0A9



52FAD6



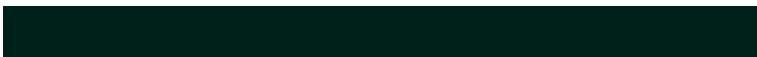
55A2C0



57615F



00A17E



00211A

Inverse Universe

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



C0556C



FA5276



C07355



615759



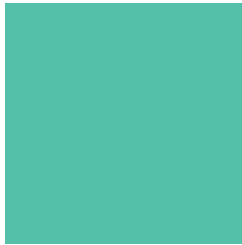
A10023



210007

Previews

White Background



This preview shows how the Hex color 55C0A9 looks on a white background.

Color Contrast Check

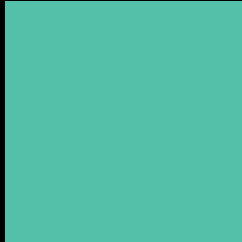
Large Text (above 18pt) WCAG AA × Fail

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 55C0A9 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 55C0A9 Background



This preview shows how black text looks on a background with the Hex color 55C0A9.



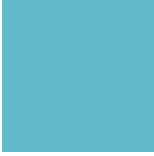
This preview shows how white text looks on a background with the Hex color 55C0A9.

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

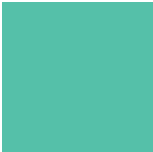

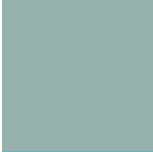





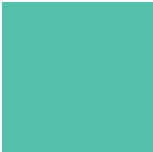
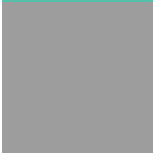

Tritanopia

61BBCA

Trichromacy

	Original Color 55C0A9
	Protanomaly 91B4A2
	Deuteranomaly 97B1AC
	Tritanomaly 5DBDBE

Monochromacy

	Original Color 55C0A9
	Achromatopsia 9D9D9D
	Achromatomaly 83AAA1

CSS Examples

Text

The CSS property to change the color of the text to Hex 55C0A9 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 #55C0A9 looks like.

```
.text, #text, p{  
    color:#55C0A9  
}
```

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 #55C0A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #55C0A9
}
```

Border

The CSS property to change the border of an element to Hex 55C0A9 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
#55C0A9 }
```

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

```
.border{ border-color:#55C0A9 }
```

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

Here you see how a box with a 4 pixel #55C0A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #55C0A9; -webkit-box-shadow:4px 4px  
4px 4px #55C0A9; box-shadow:4px 4px 4px  
4px #55C0A9 }
```

Background

The CSS property to change the background color of an element to Hex 55C0A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#55C0A9 }
```

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

```
.background{ background-color:#55C0A9 }
```

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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