

# Converting Colors

Hex(59C0A9)

Have a look what the booklet for  
Hex(59C0A9) contains.

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**Color**

**Hex(59C0A9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	59C0A9
RGB	89, 192, 169
RGB Percent	35%, 75%, 66%
CMY	0.6510, 0.2471, 0.3373
CMYK	0.54, 0.00, 0.12, 0.25
HSL	167°, 45%, 55%
HSV	167°, 54%, 75%
XYZ	30.1309, 42.6877, 44.1876
YIQ	158.5810, -54.0050, -28.9890

# Conversions

## Conversions Part 2

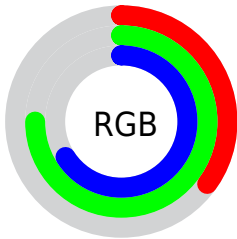
<b>Format</b>	<b>Color</b>
<b>RYB</b>	89, 147, 192
Decimal	5882025
CIELab	71.34, -35.55, 2.52
CIELCh	71, 35.638, 175.950
Yxy	42.6877, 0.2575, 0.3648
Android (android.graphics.Color)	4284072105 (0xFF59C0A9)
YUV	158.5810, 5.1366, -61.0225
Hunter-Lab	65.3358, -32.0189, 5.6364

# Details

The Hex color **59C0A9** 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 **C05970**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **92F9E0**, and **148A75** is the 20% darker color. If you saturate the color by 10%, you get **46C0A5**, and if you desaturate by 10%, it is **6CC0AD**.

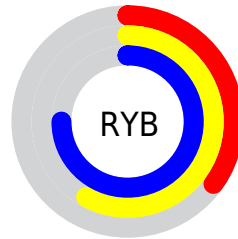
# Distribution



Red (35%)

Green (75%)

Blue (66%)



Red (35%)

Yellow (58%)

Blue (75%)

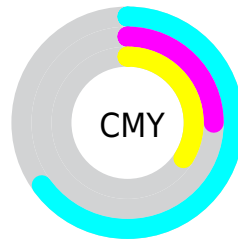


Cyan (54%)

Magenta (0%)

Yellow (12%)

Black (25%)



Cyan (65%)

Magenta (25%)

Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 59C0A9 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 59C0A9 by changing the saturation by 10% instead.



 59C0A9

 59C0A9

FFFFFF

 3BA58F

 92F9E0

 148A75

 AFFFFD

 00705C

 CCFFFF

 005745

 EAFFFF

 003F2F

 00291A

 000900

 000000

 59C0A9

 59C0A9

■ 46C0A5

■ 6CC0AD

■ 33C0A0

■ 7FC0B2

■ 1FC09C

■ 93C0B6

■ 0CC098

■ A6C0BA

■ 00C095

■ B9C0BE

■ CCC0C3

■ DFC0C7

■ F3C0CB

■ FFC0D0

# Harmonies

## Analogous

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



82BC89



59C0A9



38C0CA

# Triad

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



59C0A9



ADA8E9



E2A07A

# Complementary

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



59C0A9



C05970

# 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.



EE9894



59C0A9



D49DD3

# Square

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



59C0A9



7AB3EF



EA96B4



C9AB6E

# Rectangle

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



59C0A9



3CBDDC



EA96B4



E89D81

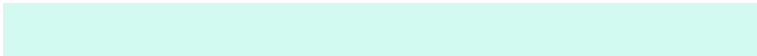


# Sweetspot

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



59C0A9



D2FAF1



71C059



657D78



FCFCFC



7D7D7D



# Same Dimension

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



59C0A9



5AFAD6



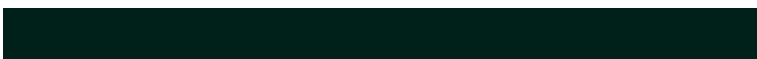
59A5C0



57615F



00A17D



00211A



# Inverse Universe

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



C05970



FA5A7E



C07459



615759



A10024

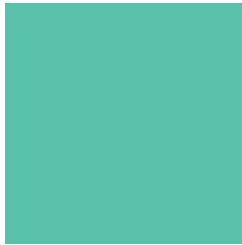


210007



# Previews

## White Background



This preview shows how the Hex color 59C0A9 looks on a white background.

## Color Contrast Check

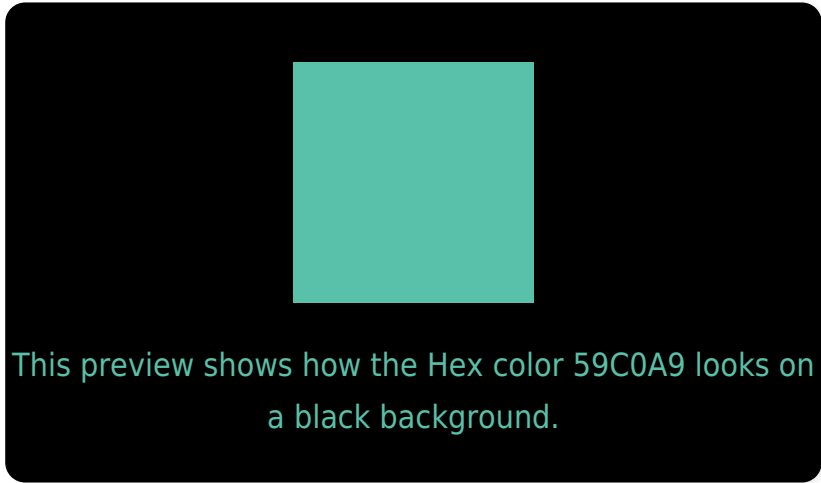
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

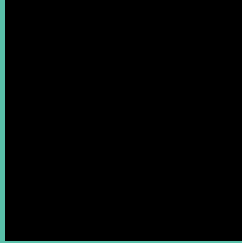
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

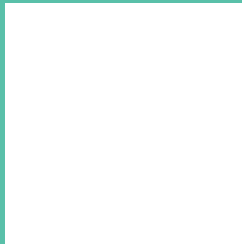
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 59C0A9 Background



This preview shows how black text looks on a background with the Hex color 59C0A9.



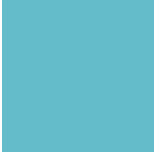
This preview shows how white text looks on a background with the Hex color 59C0A9.

# 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](#).

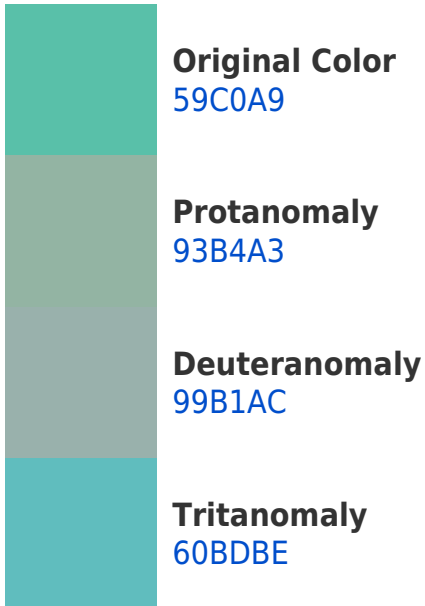
## Dichromacy



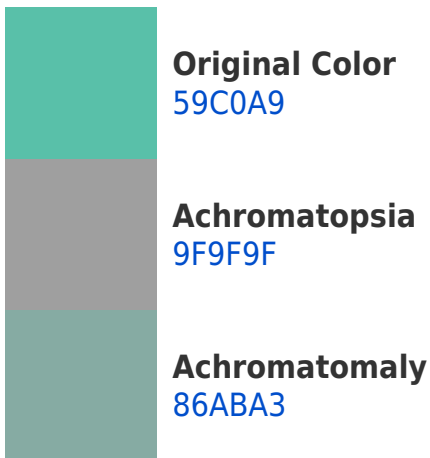


**Tritanopia**  
64BBCA

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 59C0A9 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 #59C0A9 looks like.

```
.text, #text, p{  
    color:#59C0A9  
}
```

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 #59C0A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59C0A9
}
```

## Border

The CSS property to change the border of an element to Hex 59C0A9 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
#59C0A9 }
```

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

```
.border{ border-color:#59C0A9 }
```

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

Here you see how a box with a 4 pixel #59C0A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59C0A9; -webkit-box-shadow:4px 4px  
4px 4px #59C0A9; box-shadow:4px 4px 4px  
4px #59C0A9 }
```

# Background

The CSS property to change the background color of an element to Hex 59C0A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59C0A9 }
```

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

```
.background{ background-color:#59C0A9 }
```

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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