

# Converting Colors

Hex(59CE9C)

Have a look what the booklet for  
Hex(59CE9C) contains.

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# **Color**

**Hex(59CE9C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	59CE9C
RGB	89, 206, 156
RGB Percent	35%, 81%, 61%
CMY	0.6510, 0.1922, 0.3882
CMYK	0.57, 0.00, 0.24, 0.19
HSL	154°, 54%, 58%
HSV	154°, 57%, 81%
XYZ	32.1919, 48.6668, 39.1494
YIQ	165.3170, -53.6820, -40.3540

# Conversions

## Conversions Part 2

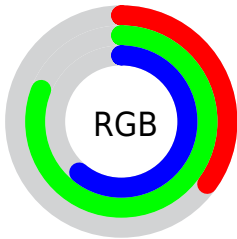
Format	Color
<a href="#">RYB</a>	<a href="#">89, 163, 206</a>
Decimal	<a href="#">5885596</a>
CIELab	<a href="#">75.24, -44.76, 15.10</a>
CIELCh	<a href="#">75, 47.240, 161.359</a>
Yxy	<a href="#">48.6668, 0.2682, 0.4055</a>
Android (android.graphics.Color)	<a href="#">4284075676</a> ( <a href="#">0xFF59CE9C</a> )
YUV	<a href="#">165.3170, -4.5933, -66.9300</a>
Hunter-Lab	<a href="#">69.7616, -39.7129, 15.5602</a>

# Details

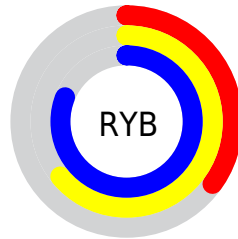
The Hex color **59CE9C** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **CE598B**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **94FFD3**, and **0C9769** is the 20% darker color. If you saturate the color by 10%, you get **44CE93**, and if you desaturate by 10%, it is **6ECEA5**.

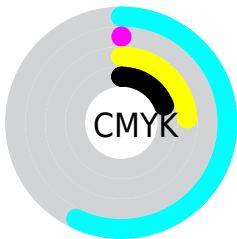
# Distribution



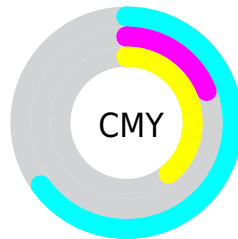
- Red (35%)
- Green (81%)
- Blue (61%)



- Red (35%)
- Yellow (64%)
- Blue (81%)



- Cyan (57%)
- Magenta (0%)
- Yellow (24%)
- Black (19%)



- Cyan (65%)
- Magenta (19%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 59CE9C 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 59CE9C by changing the saturation by 10% instead.



 59CE9C

 59CE9C

FFFFFF

 39B282

 94FFD3

 0C9769

 B1FFE9

 007C50

 CEFFFF

 006339

 ECFFFF

 004A23

 00320E

 001B00

 000000

 59CE9C

 59CE9C

 44CE93

 6ECEA5

 30CE8A

 82CEAE

 1BCE82

 97CEB6

 07CE79

 ABCEBF

 00CE76

 C0CEC8

 D5CED1

 E9CEDA

 FECEE2

 FFCEEB

# Harmonies

## Analogous

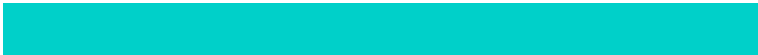
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95C776



59CE9C



00D0C9

# Triad

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



59CE9C



92B8FF



FF9E82

# Complementary

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



59CE9C



CE598B

# 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.



FF96AA



59CE9C



D3A8FB

# Square

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



59CE9C



2CC5FF



FC9AD6



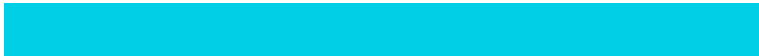
EBAD67

# Rectangle

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



59CE9C



00CFE5



FC9AD6



FF9A8E

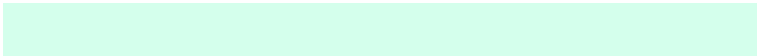


# Sweetspot

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



59CE9C



D4FFEC



8CCE59



668075



000000



808080



# Same Dimension

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



59CE9C



52FFB5



59C6CE



5C6662



00A65F



002616



# Inverse Universe

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



CE598B



FF529C



CE6159



665C60



A60047

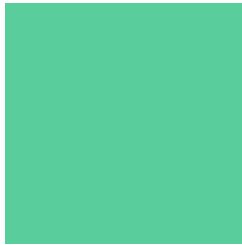


260010



# Previews

## White Background



This preview shows how the Hex color 59CE9C looks on a white background.

## Color Contrast Check

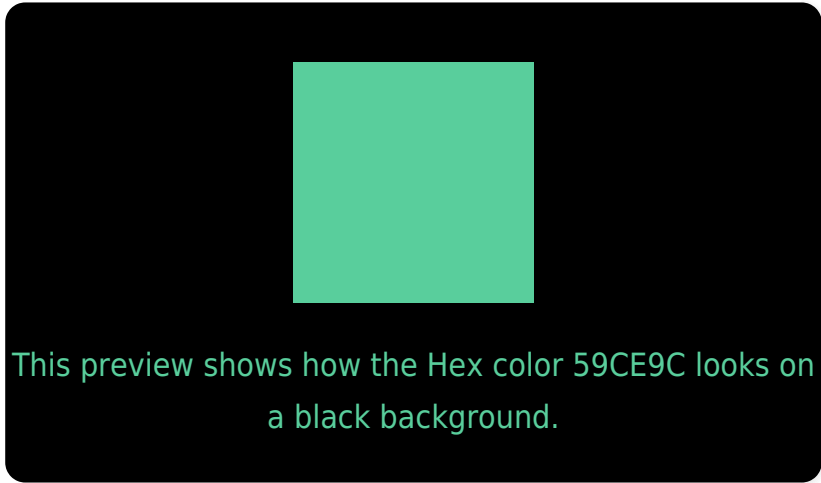
Large Text (above 18pt) WCAG AA × Fail

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

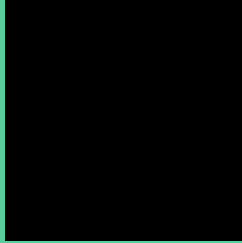
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 59CE9C Background



This preview shows how black text looks on a background with the Hex color 59CE9C.

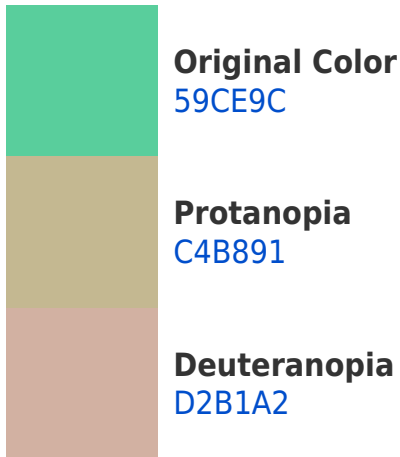


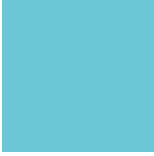
This preview shows how white text looks on a background with the Hex color 59CE9C.

# 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](#).

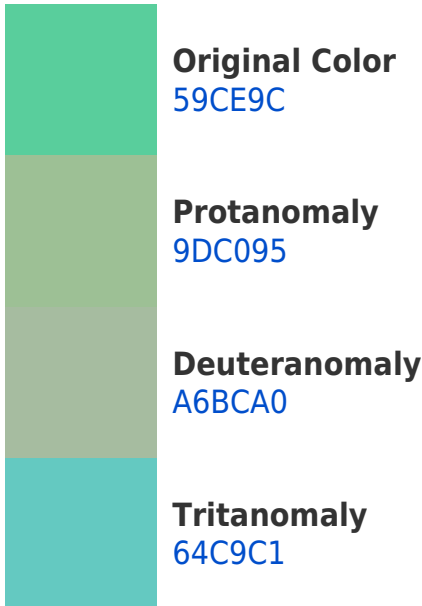
## Dichromacy



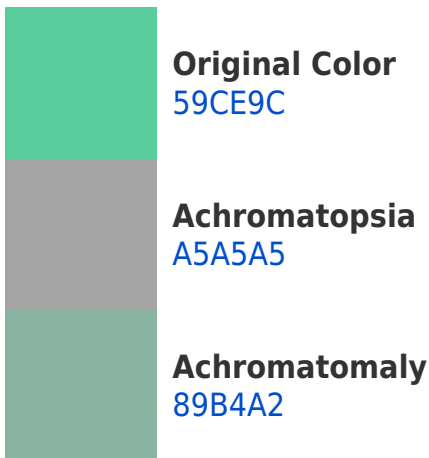


**Tritanopia**  
6BC6D6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 59CE9C 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 #59CE9C looks like.

```
.text, #text, p{  
    color:#59CE9C  
}
```

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 #59CE9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #59CE9C
}
```

## Border

The CSS property to change the border of an element to Hex 59CE9C 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
#59CE9C }
```

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

```
.border{ border-color:#59CE9C }
```

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

Here you see how a box with a 4 pixel #59CE9C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #59CE9C; -webkit-box-shadow:4px 4px  
4px 4px #59CE9C; box-shadow:4px 4px 4px  
4px #59CE9C }
```

# Background

The CSS property to change the background color of an element to Hex 59CE9C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#59CE9C }
```

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

```
.background{ background-color:#59CE9C }
```

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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