

# Converting Colors

Hex(49C3C7)

Have a look what the booklet for  
Hex(49C3C7) contains.

<b>Hex(49C3C7)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(49C3C7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	49C3C7
RGB	73, 195, 199
RGB Percent	29%, 76%, 78%
CMY	0.7137, 0.2353, 0.2196
CMYK	0.63, 0.02, 0.00, 0.22
HSL	182°, 53%, 53%
HSV	182°, 63%, 78%
XYZ	32.5716, 44.5702, 60.9190
YIQ	158.9780, -73.9960, -24.6200

# Conversions

## Conversions Part 2

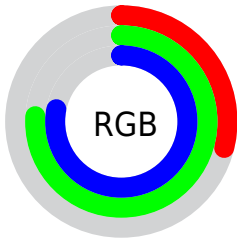
Format	Color
<a href="#">RYB</a>	<a href="#">73, 135, 199</a>
Decimal	<a href="#">4834247</a>
CIELab	<a href="#">72.61, -32.04, -12.03</a>
CIElCh	<a href="#">73, 34.221, 200.580</a>
Yxy	<a href="#">44.5702, 0.2359, 0.3228</a>
Android (android.graphics.Color)	<a href="#">4283024327</a> ( <a href="#">0xFF49C3C7</a> )
YUV	<a href="#">158.9780, 19.7308, -75.4027</a>
Hunter-Lab	<a href="#">66.7609, -29.7444, -7.3692</a>

# Details

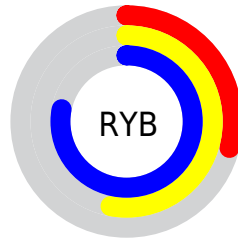
The Hex color **49C3C7** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **C74D49**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **88FCFF**, and **008D91** is the 20% darker color. If you saturate the color by 10%, you get **35C2C7**, and if you desaturate by 10%, it is **5DC4C7**.

# Distribution



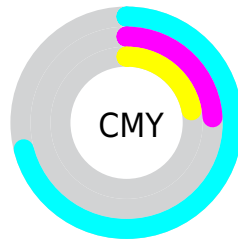
- Red (29%)
- Green (76%)
- Blue (78%)



- Red (29%)
- Yellow (53%)
- Blue (78%)



- Cyan (63%)
- Magenta (2%)
- Yellow (0%)
- Black (22%)



- Cyan (71%)
- Magenta (24%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 49C3C7 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 49C3C7 by changing the saturation by 10% instead.



 49C3C7

 49C3C7

FFFFFF

 21A8AC

 88FCFF

 008D91

 A6FFFF

 007378

 C4FFFF

 005A5F

 E2FFFF

 004247

 002B31

 00121C

 000000

 49C3C7

 49C3C7

■ 35C2C7

■ 5DC4C7

■ 21C2C7

■ 71C4C7

■ 0DC1C7

■ 85C5C7

■ 00C1C7

■ 99C6C7

■ ADC6C7

■ C0C7C7

■ D4C7C7

■ E8C8C7

■ FCC9C7

# Harmonies

## Analogous

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



68C3A7



49C3C7



4EC0E2

# Triad

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



49C3C7



D0A3DA



D1AD74

# Complementary

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



49C3C7



C74D49

# 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.



E7A283



49C3C7



E99BBD

# Square

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



49C3C7



A8AEED



F09B9E



B2B777

# Rectangle

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



49C3C7



68BBEC



F09B9E



D9A978



# Sweetspot

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



49C3C7



CFFDFF



49C74B



627F80



000000



808080



# Same Dimension

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



49C3C7



3DF9FF



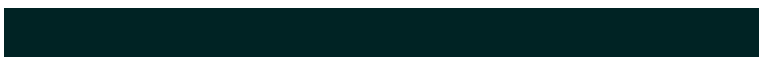
4986C7



5A6363



009EA3



002324



# Inverse Universe

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



C749C3



FF3DF9



C78A49



635A63



A3009E

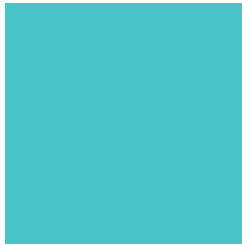


240023



# Previews

## White Background



This preview shows how the Hex color 49C3C7 looks on a white background.

## Color Contrast Check

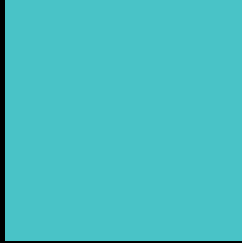
Large Text (above 18pt) WCAG AA × Fail

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 49C3C7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

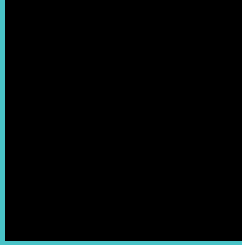
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

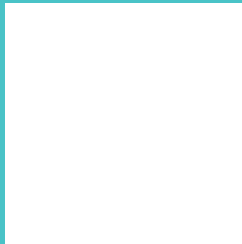
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 49C3C7 Background



This preview shows how black text looks on a background with the Hex color 49C3C7.

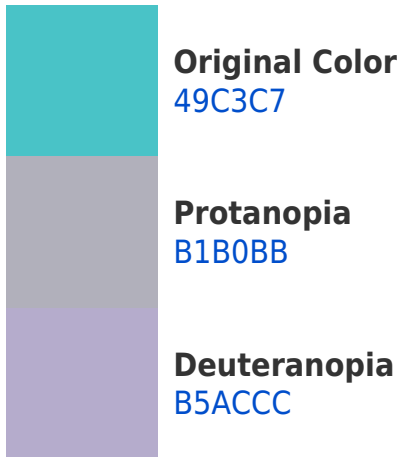


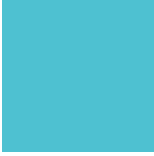
This preview shows how white text looks on a background with the Hex color 49C3C7.

# 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](#).

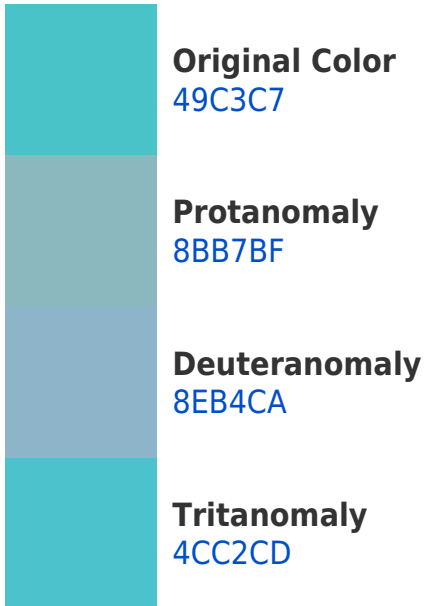
## Dichromacy



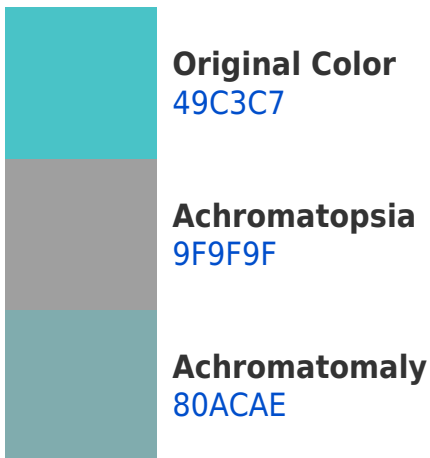


**Tritanopia**  
4EC1D1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 49C3C7 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 #49C3C7 looks like.

```
.text, #text, p{  
    color:#49C3C7  
}
```

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 #49C3C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49C3C7
}
```

## Border

The CSS property to change the border of an element to Hex 49C3C7 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
#49C3C7 }
```

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

```
.border{ border-color:#49C3C7 }
```

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

Here you see how a box with a 4 pixel #49C3C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49C3C7; -webkit-box-shadow:4px 4px  
4px 4px #49C3C7; box-shadow:4px 4px 4px  
4px #49C3C7 }
```

# Background

The CSS property to change the background color of an element to Hex 49C3C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49C3C7 }
```

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

```
.background{ background-color:#49C3C7 }
```

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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