

# Converting Colors

Hex(49C4A0)

Have a look what the booklet for  
Hex(49C4A0) contains.

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**Color**

**Hex(49C4A0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	49C4A0
RGB	73, 196, 160
RGB Percent	29%, 77%, 63%
CMY	0.7137, 0.2314, 0.3725
CMYK	0.63, 0.00, 0.18, 0.23
HSL	162°, 51%, 53%
HSV	162°, 63%, 77%
XYZ	28.8327, 43.4344, 40.1217
YIQ	155.1190, -61.7520, -37.2720

# Conversions

## Conversions Part 2

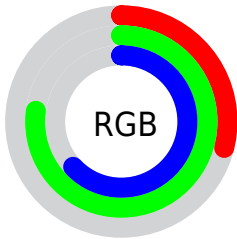
Format	Color
<a href="#">RYB</a>	<a href="#">73, 145, 196</a>
Decimal	<a href="#">4834464</a>
CIELab	<a href="#">71.85, -42.70, 8.08</a>
CIElCh	<a href="#">72, 43.457, 169.287</a>
Yxy	<a href="#">43.4344, 0.2565, 0.3865</a>
Android (android.graphics.Color)	<a href="#">4283024544</a> (0xFF49C4A0)
YUV	<a href="#">155.1190, 2.4063, -72.0184</a>
Hunter-Lab	<a href="#">65.9048, -37.2412, 10.0386</a>

# Details

The Hex color **49C4A0** 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 **C4496D**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **86FDD7**, and **008D6D** is the 20% darker color. If you saturate the color by 10%, you get **35C49A**, and if you desaturate by 10%, it is **5DC4A6**.

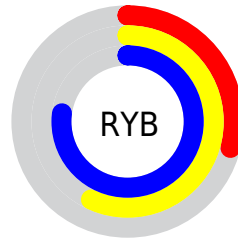
# Distribution



Red (29%)

Green (77%)

Blue (63%)



Red (29%)

Yellow (57%)

Blue (77%)

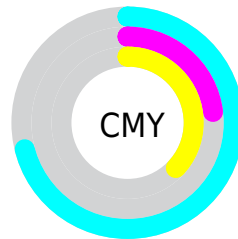


Cyan (63%)

Magenta (0%)

Yellow (18%)

Black (23%)



Cyan (71%)

Magenta (23%)

Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 49C4A0 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 49C4A0 by changing the saturation by 10% instead.



 49C4A0

 49C4A0

FFFFFF

 24A886

 86FDD7

 008D6D

 A3FFF3

 007354

 C0FFFF

 005A3D

 DEFFFF

 004127

 FCFFFF

 002B13

 000C00

 000000

 49C4A0

 49C4A0

 35C49A

 5DC4A6

 22C495

 70C4AB

 0EC48F

 84C4B1

 00C48B

 97C4B7

 ABC4BD

 BFC4C2

 D2C4C8

 E6C4CE

 F9C4D4

# Harmonies

## Analogous

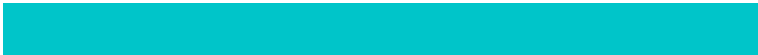
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82BF7B



49C4A0



00C5C9

# Triad

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



49C4A0



9EABFB



F19B75

# Complementary

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



49C4A0



C4496D

# 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.



FD9198



49C4A0



D49CE4

# Square

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



49C4A0



54B8FD



F392C0



D6A962

# Rectangle

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



49C4A0



00C3E1



F392C0



F79780

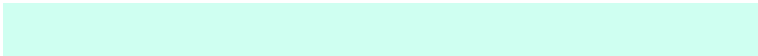


# Sweetspot

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



49C4A0



CFFFF1



6EC449



628077



000000



808080



# Same Dimension

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



49C4A0



40FFC7



49ABC4



57615E



00A172



002117



# Inverse Universe

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



C4496D



FF4078



C46249



61575A



A1002F

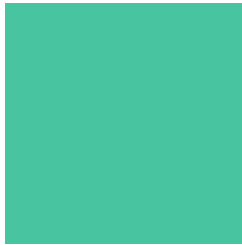


21000A



# Previews

## White Background



This preview shows how the Hex color 49C4A0 looks on a white background.

## Color Contrast Check

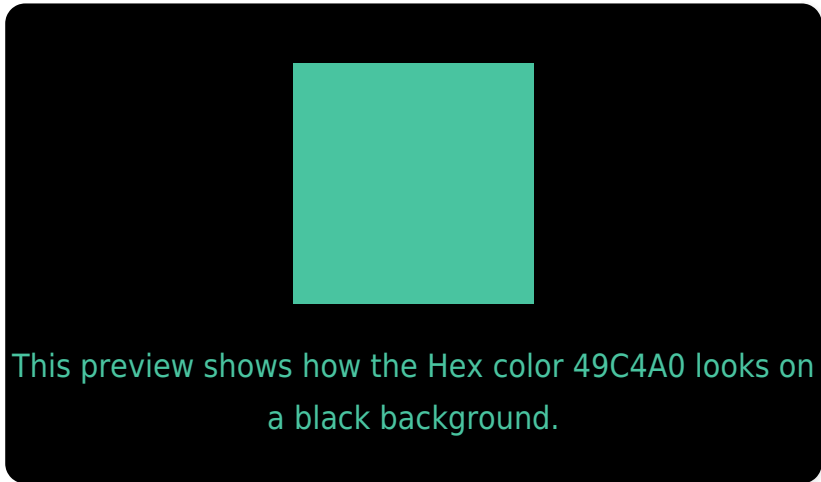
Large Text (above 18pt) WCAG AA × Fail

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

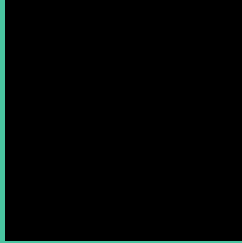
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 49C4A0 Background



This preview shows how black text looks on a background with the Hex color 49C4A0.

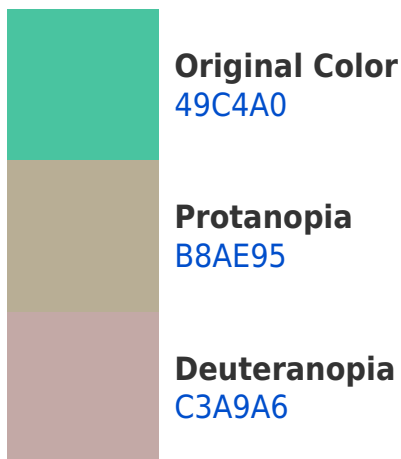


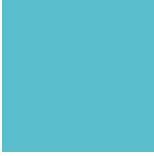
This preview shows how white text looks on a background with the Hex color 49C4A0.

# 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



**Original Color**  
49C4A0



**Protanomaly**  
90B699



**Deuteranomaly**  
97B3A4



**Tritanomaly**  
54C0BD

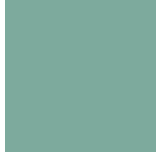
# Monochromacy



**Original Color**  
49C4A0



**Achromatopsia**  
9B9B9B



**Achromatomaly**  
7DAA9D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 49C4A0 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 #49C4A0 looks like.

```
.text, #text, p{  
    color:#49C4A0  
}
```

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 #49C4A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49C4A0
}
```

## Border

The CSS property to change the border of an element to Hex 49C4A0 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
#49C4A0 }
```

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

```
.border{ border-color:#49C4A0 }
```

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

Here you see how a box with a 4 pixel #49C4A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49C4A0; -webkit-box-shadow:4px 4px  
4px 4px #49C4A0; box-shadow:4px 4px 4px  
4px #49C4A0 }
```

# Background

The CSS property to change the background color of an element to Hex 49C4A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49C4A0 }
```

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

```
.background{ background-color:#49C4A0 }
```

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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