

# Converting Colors

Hex(49C8A2)

Have a look what the booklet for  
Hex(49C8A2) contains.

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**Color**

**Hex(49C8A2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	49C8A2
RGB	73, 200, 162
RGB Percent	29%, 78%, 64%
CMY	0.7137, 0.2157, 0.3647
CMYK	0.64, 0.00, 0.19, 0.22
HSL	162°, 54%, 54%
HSV	162°, 64%, 78%
XYZ	29.9235, 45.3337, 41.3556
YIQ	157.6950, -63.4940, -38.7420

# Conversions

## Conversions Part 2

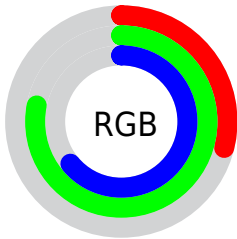
Format	Color
<a href="#">RYB</a>	<a href="#">73, 148, 200</a>
Decimal	<a href="#">4835490</a>
CIELab	<a href="#">73.11, -43.96, 8.80</a>
CIELCh	<a href="#">73, 44.829, 168.679</a>
Yxy	<a href="#">45.3337, 0.2566, 0.3888</a>
Android (android.graphics.Color)	<a href="#">4283025570 (0xFF49C8A2)</a>
YUV	<a href="#">157.6950, 2.1224, -74.2775</a>
Hunter-Lab	<a href="#">67.3303, -38.4974, 10.7141</a>

# Details

The Hex color **49C8A2** 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 **C8496F**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **86FFD9**, and **00916E** is the 20% darker color. If you saturate the color by 10%, you get **35C89C**, and if you desaturate by 10%, it is **5DC8A8**.

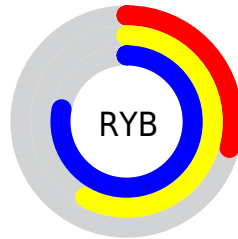
# Distribution



Red (29%)

Green (78%)

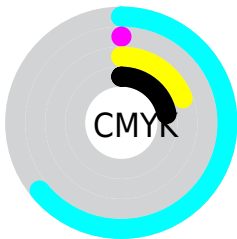
Blue (64%)



Red (29%)

Yellow (58%)

Blue (78%)

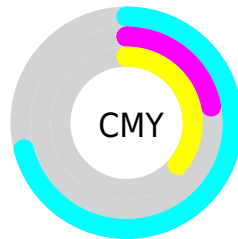


Cyan (64%)

Magenta (0%)

Yellow (19%)

Black (22%)



Cyan (71%)

Magenta (22%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 49C8A2 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 49C8A2 by changing the saturation by 10% instead.



 49C8A2

 49C8A2

FFFFFF

 23AC88

 86FFD9

 00916E

 A4FFF5

 007756

 C1FFFF

 005D3F

 DFFFFFF

 004529

 FFFFFFF

 002E14

 001300

 000000

 49C8A2

 49C8A2

 35C89C

 5DC8A8

 21C896

 71C8AE

 0DC890

 85C8B4

 00C88C

 99C8BA

 ADC8C0

 C1C8C6

 D5C8CC

 E9C8D2

 FDC8D8

# Harmonies

## Analogous

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



85C37C



49C8A2



00C9CC

# Triad

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



49C8A2



A0AFFF



F79D77

# Complementary

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



49C8A2



C8496F

# 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.



FF939B



49C8A2



D79FEA

# Square

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



49C8A2



51BCFF



F994C5



DBAC62

# Rectangle

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



49C8A2



00C7E6



F994C5



FD9982

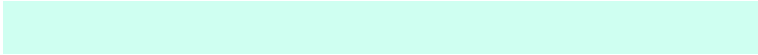


# Sweetspot

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



49C8A2



CFFFF1



6FC849



628077



000000



808080



# Same Dimension

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



49C8A2



3DFFC5



49AFC8



5A6360



00A372



002419



# Inverse Universe

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



C8496F



FF3D77



C86249



635A5C



A30031

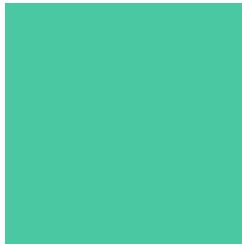


24000B



# Previews

## White Background



This preview shows how the Hex color 49C8A2 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 49C8A2 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 49C8A2 Background



This preview shows how black text looks on a background with the Hex color 49C8A2.

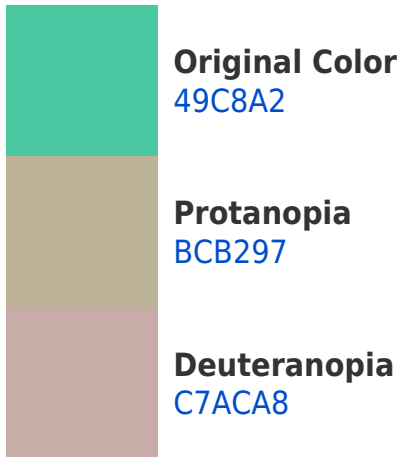


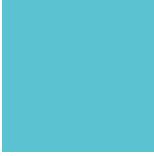
This preview shows how white text looks on a background with the Hex color 49C8A2.

# 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**  
5BC2D1

# Trichromacy



**Original Color**  
49C8A2



**Protanomaly**  
92BA9B



**Deuteranomaly**  
99B6A6



**Tritanomaly**  
54C4C0

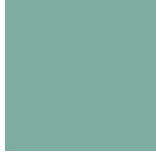
# Monochromacy



**Original Color**  
49C8A2



**Achromatopsia**  
9E9E9E



**Achromatomaly**  
7FAD9F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 49C8A2 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 #49C8A2 looks like.

```
.text, #text, p{  
    color:#49C8A2  
}
```

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 #49C8A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49C8A2
}
```

## Border

The CSS property to change the border of an element to Hex 49C8A2 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
#49C8A2 }
```

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

```
.border{ border-color:#49C8A2 }
```

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

Here you see how a box with a 4 pixel #49C8A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49C8A2; -webkit-box-shadow:4px 4px  
4px 4px #49C8A2; box-shadow:4px 4px 4px  
4px #49C8A2 }
```

# Background

The CSS property to change the background color of an element to Hex 49C8A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49C8A2 }
```

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

```
.background{ background-color:#49C8A2 }
```

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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