

# Converting Colors

Hex(49B2B4)

Have a look what the booklet for  
Hex(49B2B4) contains.

<b>Hex(49B2B4)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(49B2B4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	49B2B4
RGB	73, 178, 180
RGB Percent	29%, 70%, 71%
CMY	0.7137, 0.3020, 0.2941
CMYK	0.59, 0.01, 0.00, 0.29
HSL	181°, 42%, 50%
HSV	181°, 59%, 71%
XYZ	26.9063, 36.5525, 48.8173
YIQ	146.8330, -63.2220, -21.6380

# Conversions

## Conversions Part 2

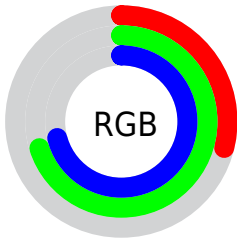
Format	Color
<a href="#">RYB</a>	<a href="#">73, 126, 180</a>
Decimal	<a href="#">4829876</a>
CIELab	<a href="#">66.94, -29.20, -10.07</a>
CIELCh	<a href="#">67, 30.886, 199.036</a>
Yxy	<a href="#">36.5525, 0.2396, 0.3256</a>
Android (android.graphics.Color)	<a href="#">4283019956 (0xFF49B2B4)</a>
YUV	<a href="#">146.8330, 16.3513, -64.7515</a>
Hunter-Lab	<a href="#">60.4587, -26.3639, -5.5525</a>

# Details

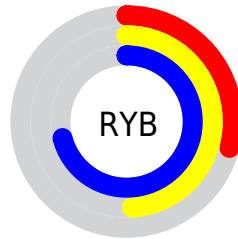
The Hex color **49B2B4** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B44B49**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **85EAEC**, and **007D7F** is the 20% darker color. If you saturate the color by 10%, you get **37B2B4**, and if you desaturate by 10%, it is **5BB2B4**.

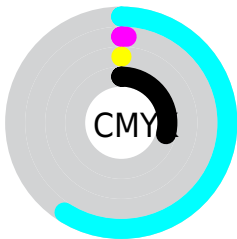
# Distribution



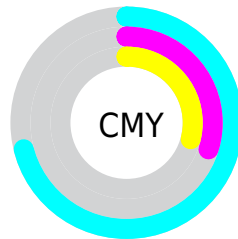
- Red (29%)
- Green (70%)
- Blue (71%)



- Red (29%)
- Yellow (49%)
- Blue (71%)



- Cyan (59%)
- Magenta (1%)
- Yellow (0%)
- Black (29%)



- Cyan (71%)
- Magenta (30%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 49B2B4 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 49B2B4 by changing the saturation by 10% instead.





49B2B4



49B2B4

FFFFFF



269799



85EAEC



007D7F



A2FFFF



006466



BFFFFFF



004B4E



DDFFFF



003438



FAFFFF



002122



00000C



000000



49B2B4



49B2B4

37B2B4

5BB2B4

25B1B4

6DB3B4

13B1B4

7FB3B4

01B1B4

91B3B4

00B1B4

A3B4B4

B5B4B4

C7B4B4

D9B5B4

EBB5B4

# Harmonies

## Analogous

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



64B197



49B2B4



4BAFCC

# Triad

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



49B2B4



BC96C8



BF9E6D

# Complementary

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



49B2B4



B44B49

# 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.



D3947A



49B2B4



D38FAE

# Square

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



49B2B4



989FD7



DA8F92



A4A76E

# Rectangle

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



49B2B4



61ABD6



DA8F92



C79A70



# Sweetspot

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



49B2B4



C0EAEB



49B44B



5B7575



F5F5F5



757575



# Same Dimension

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



49B2B4



44E7EB



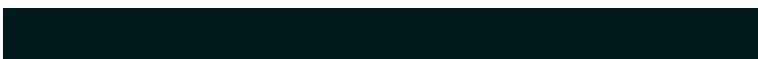
497DB4



505959



009699



00191A



# Inverse Universe

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



B449B2



EB44E7



B48049



595059



990096

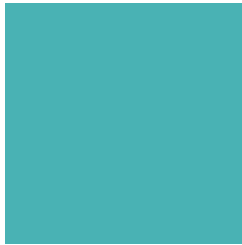


1A0019



# Previews

## White Background



This preview shows how the Hex color 49B2B4 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 49B2B4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

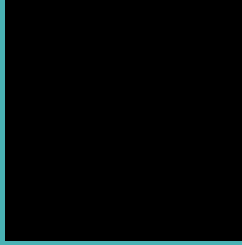
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

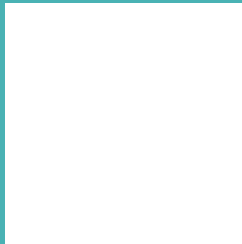
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 49B2B4 Background



This preview shows how black text looks on a background with the Hex color 49B2B4.

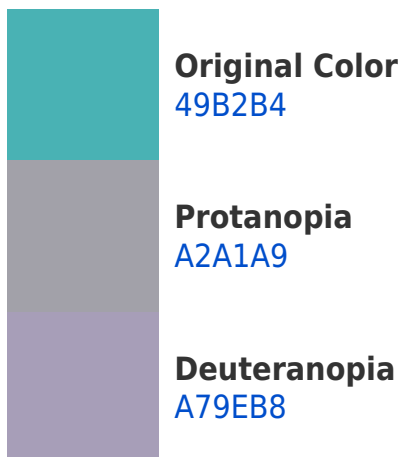


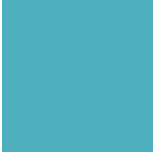
This preview shows how white text looks on a background with the Hex color 49B2B4.

# 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](#).

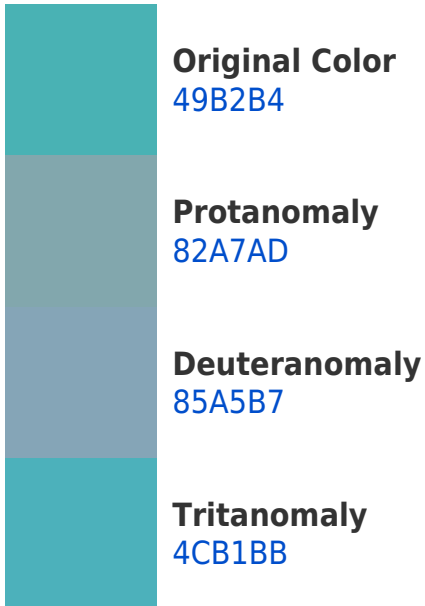
## Dichromacy





**Tritanopia**  
4EBOBF

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 49B2B4 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 #49B2B4 looks like.

```
.text, #text, p{  
    color:#49B2B4  
}
```

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 #49B2B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49B2B4
}
```

## Border

The CSS property to change the border of an element to Hex 49B2B4 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
#49B2B4 }
```

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

```
.border{ border-color:#49B2B4 }
```

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

Here you see how a box with a 4 pixel #49B2B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49B2B4; -webkit-box-shadow:4px 4px  
4px 4px #49B2B4; box-shadow:4px 4px 4px  
4px #49B2B4 }
```

# Background

The CSS property to change the background color of an element to Hex 49B2B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49B2B4 }
```

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

```
.background{ background-color:#49B2B4 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor