

# Converting Colors

Hex(49ADB2)

Have a look what the booklet for  
Hex(49ADB2) contains.

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# Color

**Hex(49ADB2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	49ADB2
RGB	73, 173, 178
RGB Percent	29%, 68%, 70%
CMY	0.7137, 0.3216, 0.3020
CMYK	0.59, 0.03, 0.00, 0.30
HSL	183°, 42%, 49%
HSV	183°, 59%, 70%
XYZ	25.7271, 34.5180, 47.4262
YIQ	143.6700, -61.2050, -19.6450

# Conversions

## Conversions Part 2

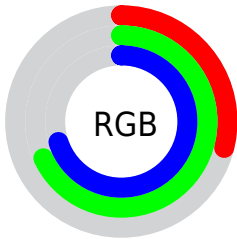
Format	Color
<a href="#">RYB</a>	<a href="#">73, 124, 178</a>
Decimal	<a href="#">4828594</a>
CIELab	<a href="#">65.37, -27.30, -11.31</a>
CIElCh	<a href="#">65, 29.554, 202.500</a>
Yxy	<a href="#">34.5180, 0.2389, 0.3206</a>
Android (android.graphics.Color)	<a href="#">4283018674 (0xFF49ADB2)</a>
YUV	<a href="#">143.6700, 16.9247, -61.9776</a>
Hunter-Lab	<a href="#">58.7520, -24.6520, -6.7341</a>

# Details

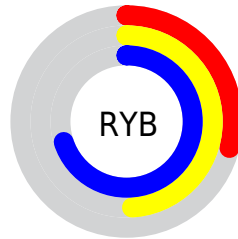
The Hex color **49ADB2** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B24E49**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **84E5EA**, and **00787D** is the 20% darker color. If you saturate the color by 10%, you get **37ACB2**, and if you desaturate by 10%, it is **5BAEB2**.

# Distribution



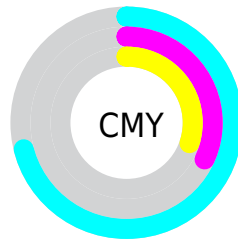
- Red (29%)
- Green (68%)
- Blue (70%)



- Red (29%)
- Yellow (49%)
- Blue (70%)



- Cyan (59%)
- Magenta (3%)
- Yellow (0%)
- Black (30%)



- Cyan (71%)
- Magenta (32%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 49ADB2 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 49ADB2 by changing the saturation by 10% instead.



 49ADB2

 49ADB2

FFFFFF

 279297

 84E5EA

 00787D

 A1FFFF

 005F64

 BEFFFF

 00474D

 DBFFFF

 003036

 F9FFFF

 001C21

 000008

 000000

 49ADB2

 49ADB2

■ 37ACB2

■ 5BAEB2

■ 25ABB2

■ 6DAFB2

■ 14AAB2

■ 7EB0B2

■ 02AAB2

■ 90B0B2

■ 00AAB2

■ A2B1B2

■ B4B2B2

■ C6B3B2

■ D7B4B2

■ E9B5B2

# Harmonies

## Analogous

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



5FAD97



49ADB2



50AAC8

# Triad

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



49ADB2



BA91BF



B79B6A

# Complementary

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



49ADB2



B24E49

# 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.



CB9276



49ADB2



CE8BA6

# Square

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



49ADB2



999ACF



D48C8C



9DA36D

# Rectangle

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



49ADB2



65A6D1



D48C8C



BF986D



# Sweetspot

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



49ADB2



BEE6E8



49B24C



5B7475



F5F5F5



757575



# Same Dimension

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



49ADB2



43E0E8



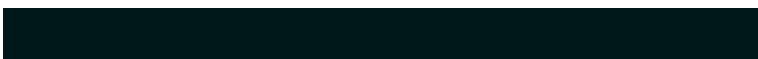
497AB2



505959



009299



00181A



# Inverse Universe

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



B249AD



E843E0



B28149



595059



990092

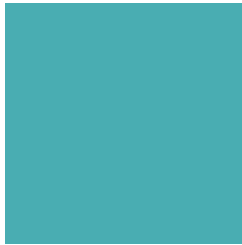


1A0018



# Previews

## White Background



This preview shows how the Hex color 49ADB2 looks on a white background.

## Color Contrast Check

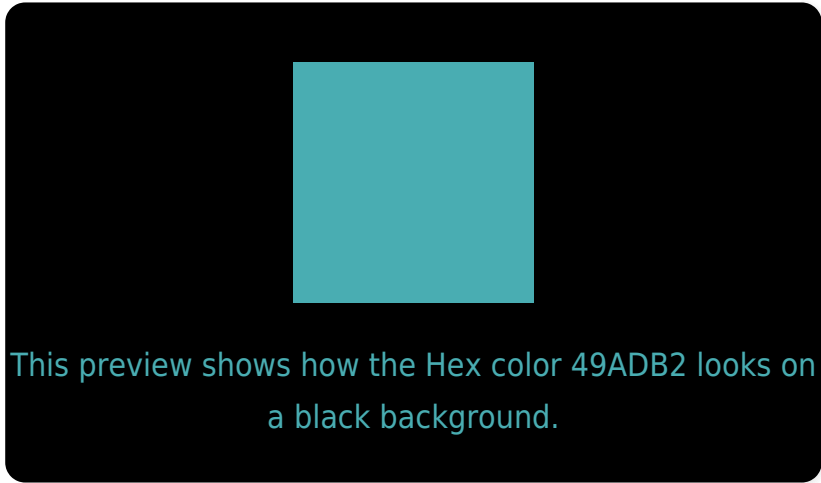
Large Text (above 18pt) WCAG AA × Fail

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 49ADB2 Background



This preview shows how black text looks on a background with the Hex color 49ADB2.

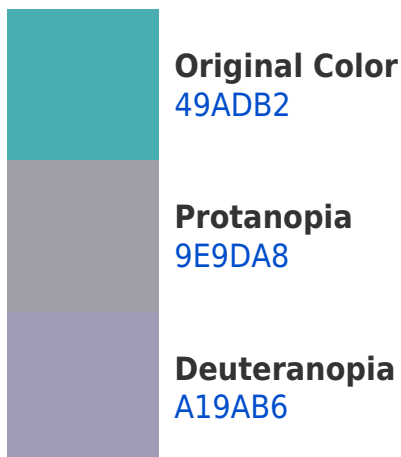


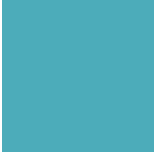
This preview shows how white text looks on a background with the Hex color 49ADB2.

# Color Blindness Simulation

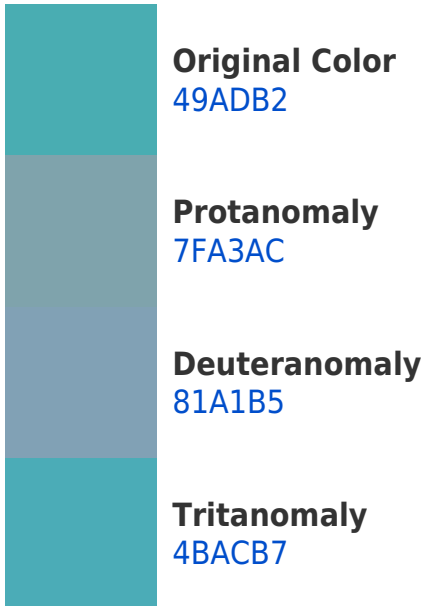
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 49ADB2 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 #49ADB2 looks like.

```
.text, #text, p{  
    color:#49ADB2  
}
```

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 #49ADB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #49ADB2
}
```

## Border

The CSS property to change the border of an element to Hex 49ADB2 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
#49ADB2 }
```

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

```
.border{ border-color:#49ADB2 }
```

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

Here you see how a box with a 4 pixel #49ADB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #49ADB2; -webkit-box-shadow:4px 4px  
4px 4px #49ADB2; box-shadow:4px 4px 4px  
4px #49ADB2 }
```

# Background

The CSS property to change the background color of an element to Hex 49ADB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#49ADB2 }
```

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

```
.background{ background-color:#49ADB2 }
```

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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