

# Converting Colors

Hex(00ADB4)

Have a look what the booklet for  
Hex(00ADB4) contains.

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# Color

**Hex(00ADB4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00ADB4
RGB	0, 173, 180
RGB Percent	0%, 68%, 71%
CMY	1.0000, 0.3216, 0.2941
CMYK	1.00, 0.04, 0.00, 0.29
HSL	182°, 100%, 35%
HSV	182°, 100%, 71%
XYZ	23.1818, 33.1824, 48.3631
YIQ	122.0710, -105.3550, -34.4990

# Conversions

## Conversions Part 2

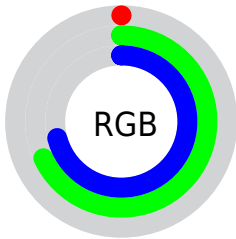
Format	Color
<a href="#">RYB</a>	<a href="#">0, 88, 180</a>
Decimal	<a href="#">44468</a>
<a href="#">CIELab</a>	<a href="#">64.31, -33.76, -14.13</a>
<a href="#">CIElCh</a>	<a href="#">64, 36.600, 202.718</a>
<a href="#">Yxy</a>	<a href="#">33.1824, 0.2214, 0.3168</a>
Android (android.graphics.Color)	<a href="#">4278234548</a> ( <a href="#">0xFF00ADB4</a> )
<a href="#">YUV</a>	<a href="#">122.0710, 28.5590, -107.0563</a>
<a href="#">Hunter-Lab</a>	<a href="#">57.6042, -28.9732, -9.4555</a>

# Details

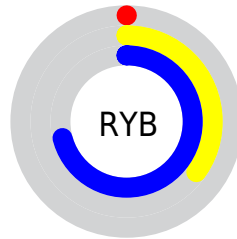
The Hex color **00ADB4** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **B40700**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **62E5EC**, and **00787F** is the 20% darker color. If you saturate the color by 10%, you get **00ADB4**, and if you desaturate by 10%, it is **12AEB4**.

# Distribution



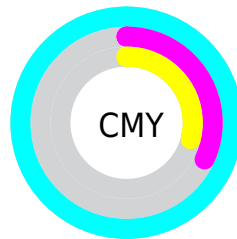
- Red (0%)
- Green (68%)
- Blue (71%)



- Red (0%)
- Yellow (35%)
- Blue (71%)



- Cyan (100%)
- Magenta (4%)
- Yellow (0%)
- Black (29%)



- Cyan (100%)
- Magenta (32%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00ADB4 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 00ADB4 by changing the saturation by 10% instead.



 00ADB4

 00ADB4

FFFFFF

 009299

 62E5EC

 00787F

 82FFFF

 005F66

 A1FFFF

 00464E

 BFFFFFF

 002F37

 DEFFF

 001922

 FCFFF

 00000B

 000000

 00ADB4

 12AEB4

 24AEB4

 36AFB4

 48B0B4

 5AB1B4

 6CB1B4

 7EB2B4

 90B3B4

 A2B3B4

# Harmonies

## Analogous

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



45AD93



00ADB4



17A9CF

# Triad

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



00ADB4



BD8BC4



B8975B

# Complementary

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



00ADB4



B40700

# 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.



D08C69



00ADB4



D683A5

# Square

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



00ADB4



9496D8



DB8484



98A25E

# Rectangle

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



00ADB4



48A5DA



DB8484



C1935E



# Sweetspot

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



00ADB4



A4E8EB



00B406



4B7475



F5F5F5



757575



# Same Dimension

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



00ADB4



00E1EB



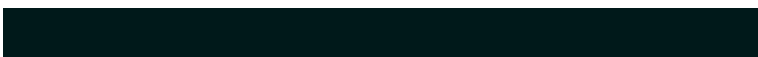
0054B4



505959



009399



00191A



# Inverse Universe

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



B400AD



EB00E1



B46000



595059



990093



1A0019



# Previews

## White Background



This preview shows how the Hex color 00ADB4 looks on a white background.

## Color Contrast Check

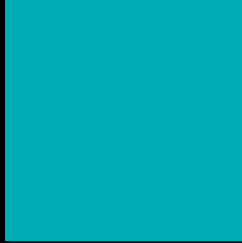
Large Text (above 18pt) WCAG AA × Fail

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 00ADB4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

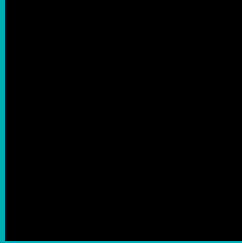
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 00ADB4 Background



This preview shows how black text looks on a background with the Hex color 00ADB4.

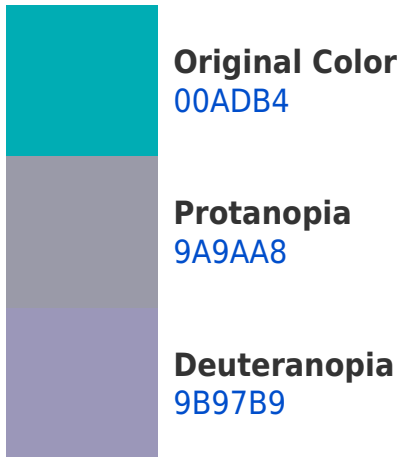


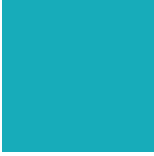
This preview shows how white text looks on a background with the Hex color 00ADB4.

# 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**  
00ADB4



**Protanomaly**  
62A1AC



**Deuteranomaly**  
639FB7



**Tritanomaly**  
0FACB8

# Monochromacy



**Original Color**  
00ADB4



**Achromatopsia**  
7A7A7A



**Achromatomaly**  
4E8D8F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00ADB4 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 #00ADB4 looks like.

```
.text, #text, p{  
    color:#00ADB4  
}
```

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 #00ADB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00ADB4
}
```

## Border

The CSS property to change the border of an element to Hex 00ADB4 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
#00ADB4 }
```

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

```
.border{ border-color:#00ADB4 }
```

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

Here you see how a box with a 4 pixel #00ADB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00ADB4; -webkit-box-shadow:4px 4px  
4px 4px #00ADB4; box-shadow:4px 4px 4px  
4px #00ADB4 }
```

# Background

The CSS property to change the background color of an element to Hex 00ADB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00ADB4 }
```

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

```
.background{ background-color:#00ADB4 }
```

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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