

# Converting Colors

Hex(00ADAC)

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

|  |    |
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# Color

**Hex(00ADAC)**

# Conversions

| Conversions Part 1 |                               |
|--------------------|-------------------------------|
| Format             | Color                         |
| Hex                | 00ADAC                        |
| RGB                | 0, 173, 172                   |
| RGB Percent        | 0%, 68%, 67%                  |
| CMY                | 1.0000, 0.3216, 0.3255        |
| CMYK               | 1.00, 0.00, 0.01, 0.32        |
| HSL                | 180°, 100%, 34%               |
| HSV                | 180°, 100%, 68%               |
| XYZ                | 22.3900, 32.8657, 44.1934     |
| YIQ                | 121.1590, -102.7870, -36.9870 |

# Conversions

## Conversions Part 2

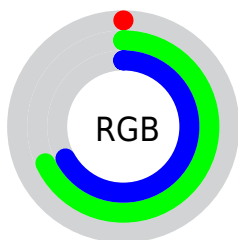
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">0, 87, 173</a>                   |
| Decimal                             | <a href="#">44460</a>                        |
| CIELab                              | <a href="#">64.05, -36.25, -10.06</a>        |
| CIELCh                              | <a href="#">64, 37.623, 195.507</a>          |
| Yxy                                 | <a href="#">32.8657, 0.2251, 0.3305</a>      |
| Android<br>(android.graphics.Color) | <a href="#">4278234540</a><br>(0xFF00ADAC)   |
| YUV                                 | <a href="#">121.1590, 25.0646, -106.2564</a> |
| Hunter-Lab                          | <a href="#">57.3286, -30.6110, -5.5753</a>   |

# Details

The Hex color **00ADAC** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **AD0001**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **61E5E3**, and **007878** is the 20% darker color. If you saturate the color by 10%, you get **00ADAC**, and if you desaturate by 10%, it is **11ADAC**.

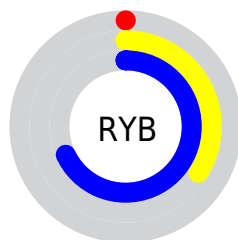
# Distribution



Red (0%)

Green (68%)

Blue (67%)



Red (0%)

Yellow (34%)

Blue (68%)

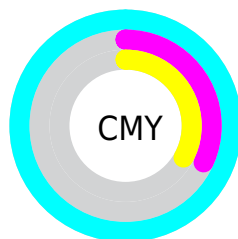


Cyan (100%)

Magenta (0%)

Yellow (1%)

Black (32%)



Cyan (100%)

Magenta (32%)

Yellow (33%)

# Brightness & Saturation Gradients

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

 00ADAC

FFFFFF

 61E5E3

 81FFFF

 9FFFFFF

 BEFFFF

 DCFFFF

 FBFFFF

 00ADAC

 009291

 007878

 005E5F

 004648

 002F31

 00181C

 000000

 00ADAC

 11ADAC

 23ADAC

 34ADAC

 45ADAC

 57ADAD

 68ADAD

 79ADAD

 8AADAD

 9CADAD

# Harmonies

## Analogous

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



4DAC89



00ADAC



00AACA

# Triad

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



00ADAC



B58CCA



BF945A

# Complementary

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



00ADAC



AD0001

# 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.



D5886D



00ADAC



D283AD

# Square

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



00ADAC



8699DC



DC818B



A09F59

# Rectangle

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



00ADAC



30A6D8



DC818B



C8905F

# Sweetspot

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



00ADAC



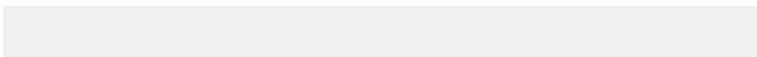
9DE0E0



03AD00



487070



F0F0F0



707070



# Same Dimension

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



00ADAC



00E0DF



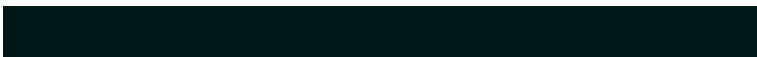
0059AD



4E5757



009696



001717



# Inverse Universe

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



AD0001



E00001



AD5400



574E4E



960001



170000



# Previews

## White Background



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

## Color Contrast Check

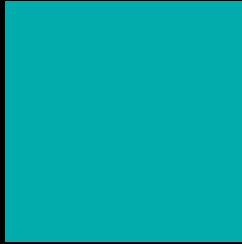
Large Text (above 18pt) WCAG AA × Fail

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 00ADAC 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

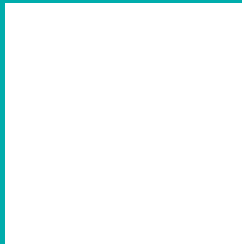
Any Text WCAG AAA ✓ Pass

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

## Hex 00ADAC Background



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

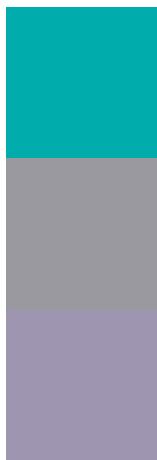


This preview shows how white text looks on a background with the Hex color 00ADAC.

# 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](#).

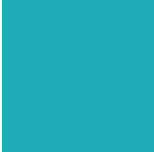
## Dichromacy



**Original Color**  
00ADAC

**Protanopia**  
9B99A0

**Deuteranopia**  
9E96B1



# Tritanopia

## 20ABB9

# Trichromacy



**Original Color**

00ADAC



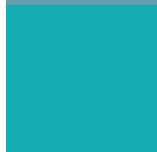
**Protanomaly**

63A0A4



**Deuteranomaly**

659EAF



**Tritanomaly**

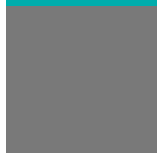
14ACB4

# Monochromacy



**Original Color**

00ADAC



**Achromatopsia**

797979



**Achromatomaly**

4D8C8C

# CSS Examples

## Text

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

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

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 #00ADAC colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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