

# Converting Colors

Hex(00ADA7)

Have a look what the booklet for  
Hex(00ADA7) contains.

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# Color

**Hex(00ADA7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00ADA7
RGB	0, 173, 167
RGB Percent	0%, 68%, 65%
CMY	1.0000, 0.3216, 0.3451
CMYK	1.00, 0.00, 0.03, 0.32
HSL	178°, 100%, 34%
HSV	178°, 100%, 68%
XYZ	21.9186, 32.6772, 41.7113
YIQ	120.5890, -101.1820, -38.5420

# Conversions

## Conversions Part 2

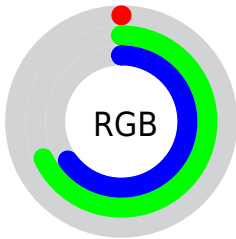
Format	Color
<a href="#">RYB</a>	<a href="#">0, 88, 173</a>
Decimal	<a href="#">44455</a>
CIELab	<a href="#">63.90, -37.77, -7.50</a>
CIELCh	<a href="#">64, 38.512, 191.226</a>
Yxy	<a href="#">32.6772, 0.2276, 0.3393</a>
Android (android.graphics.Color)	<a href="#">4278234535 (0xFF00ADA7)</a>
YUV	<a href="#">120.5890, 22.8806, -105.7566</a>
Hunter-Lab	<a href="#">57.1639, -31.5939, -3.2479</a>

# Details

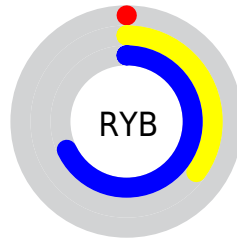
The Hex color **00ADA7** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **AD0006**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **60E5DE**, and **007873** is the 20% darker color. If you saturate the color by 10%, you get **00ADA7**, and if you desaturate by 10%, it is **11ADA8**.

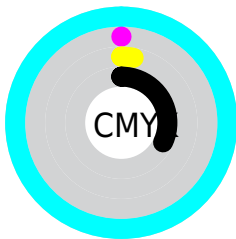
# Distribution



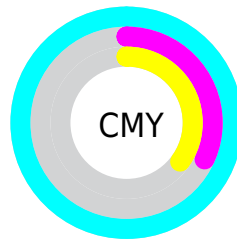
- Red (0%)
- Green (68%)
- Blue (65%)



- Red (0%)
- Yellow (35%)
- Blue (68%)



- Cyan (100%)
- Magenta (0%)
- Yellow (3%)
- Black (32%)



- Cyan (100%)
- Magenta (32%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00ADA7 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 00ADA7 by changing the saturation by 10% instead.



 00ADA7

 00ADA7

FFFFFF

 00928D

 60E5DE

 007873

 80FFFB

 005E5B

 9EFFFF

 004643

 BDFFFF

 002F2D

 DBFFFF

 001719

 FAFFFF

 000000

 00ADA7

 11ADA8

 23ADA8

 34ADA9

 45ADA9

 57ADAA

 68ADAB

 79ADAB

 8AADAC

 9CADAC

# Harmonies

## Analogous

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



52AB84



00ADA7



00ABC7

# Triad

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



00ADA7



AF8DCF



C3915A

# Complementary

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



00ADA7



AD0006

# 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.



D8866F



00ADA7



D082B2

# Square

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



00ADA7



7D9ADE



DD808F



A49D56

# Rectangle

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



00ADA7



16A7D6



DD808F



CB8D5F



# Sweetspot

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



00ADA7



9DE0DE



09AD00



48706F



F0F0F0



707070

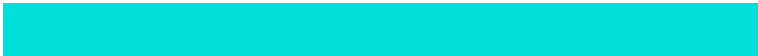


# Same Dimension

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



00ADA7



00E0D9



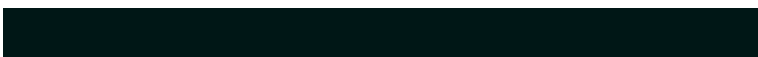
005FAD



4E5756



009691



001716



# Inverse Universe

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



AD0006



E00008



AD4E00



574E4E



960005



170001



# Previews

## White Background



This preview shows how the Hex color 00ADA7 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 00ADA7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

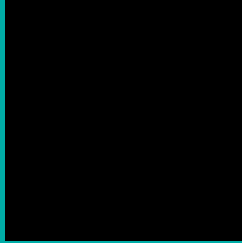
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 00ADA7 Background



This preview shows how black text looks on a background with the Hex color 00ADA7.

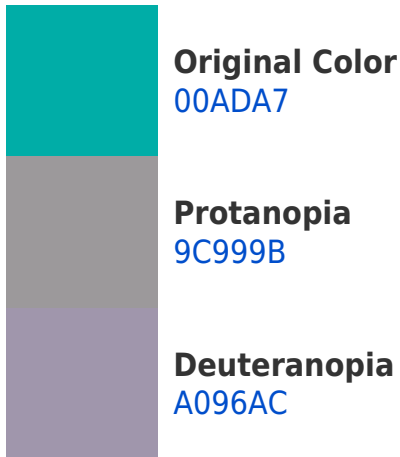


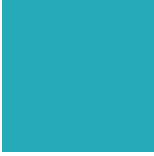
This preview shows how white text looks on a background with the Hex color 00ADA7.

# 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**  
24AAB8

# Trichromacy



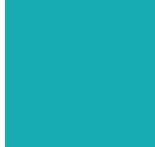
**Original Color**  
00ADA7



**Protanomaly**  
63A09F



**Deuteranomaly**  
669EAA



**Tritanomaly**  
17ABB2

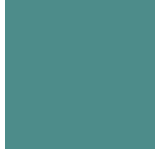
# Monochromacy



**Original Color**  
00ADA7



**Achromatopsia**  
797979



**Achromatomaly**  
4D8C8A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00ADA7 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 #00ADA7 looks like.

```
.text, #text, p{  
    color:#00ADA7  
}
```

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 #00ADA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00ADA7  
}
```

## Border

The CSS property to change the border of an element to Hex 00ADA7 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  
#00ADA7 }
```

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

```
.border{ border-color:#00ADA7 }
```

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

Here you see how a box with a 4 pixel #00ADA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00ADA7; -webkit-box-shadow:4px 4px  
4px 4px #00ADA7; box-shadow:4px 4px 4px  
4px #00ADA7 }
```

# Background

The CSS property to change the background color of an element to Hex 00ADA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00ADA7 }
```

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

```
.background{ background-color:#00ADA7 }
```

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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