

Converting Colors

Hex(00AD97)

Have a look what the booklet for
Hex(00AD97) contains.

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Color

Hex(00AD97)

Conversions

Conversions Part 1

Format	Color
Hex	00AD97
RGB	0, 173, 151
RGB Percent	0%, 68%, 59%
CMY	1.0000, 0.3216, 0.4078
CMYK	1.00, 0.00, 0.13, 0.32
HSL	172°, 100%, 34%
HSV	172°, 100%, 68%
XYZ	20.5295, 32.1215, 34.3962
YIQ	118.7650, -96.0460, -43.5180

Conversions

Conversions Part 2

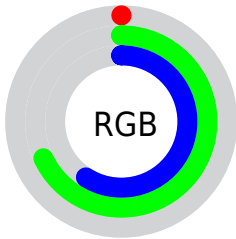
Format	Color
RYB	0, 92, 173
Decimal	44439
CIELab	63.44, -42.43, 0.76
CIELCh	63, 42.438, 178.974
Yxy	32.1215, 0.2358, 0.3690
Android (android.graphics.Color)	4278234519 (0xFF00AD97)
YUV	118.7650, 15.8919, -104.1569
Hunter-Lab	56.6758, -34.5253, 3.6904

Details

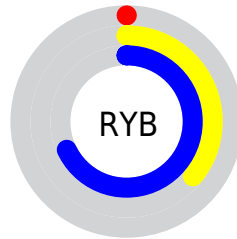
The Hex color **00AD97** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **AD0016**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **5FE5CD**, and **007864** is the 20% darker color. If you saturate the color by 10%, you get **00AD97**, and if you desaturate by 10%, it is **11AD99**.

Distribution



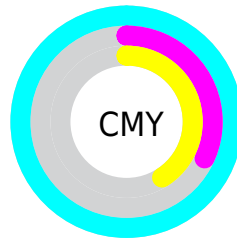
- Red (0%)
- Green (68%)
- Blue (59%)



- Red (0%)
- Yellow (36%)
- Blue (68%)



- Cyan (100%)
- Magenta (0%)
- Yellow (13%)
- Black (32%)



- Cyan (100%)
- Magenta (32%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00AD97 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 00AD97 by changing the saturation by 10% instead.

 00AD97

 00AD97

FFFFFF

 00927D

 5FE5CD

 007864

 7EFFE9

 005E4C

 9CFFFF

 004536

 BAF0FF

 002E21

 D9FFFF

 00150A

 F7FFFF

 000000

 00AD97

 11AD99

 23AD9B

 34AD9E

 45ADA0

 57ADA2

 68ADA4

 79ADA6

 8AADA9

 9CADAB

Harmonies

Analogous

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



5DAA71



00AD97



00ACBD

Triad

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



00AD97



9B90DC



D0895A

Complementary

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



00AD97



AD0016

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.



E07E77



00AD97



C782C1

Square

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



00AD97



589EE5



DE7B9C



B2974C

Rectangle

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



00AD97



00AAD2



DE7B9C



D78562

Sweetspot

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



00AD97



9DE0D8



17AD00



48706B



F0F0F0



707070

Same Dimension

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



00AD97



00E0C4



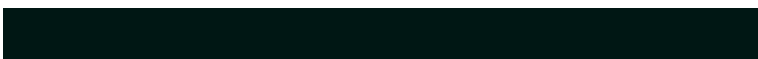
006EAD



4E5756



009683



001714

Inverse Universe

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



AD0016



E0001D



AD3F00



574E4F



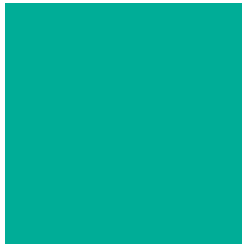
960013



170003

Previews

White Background



This preview shows how the Hex color 00AD97 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 00AD97 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 00AD97 Background



This preview shows how black text looks on a background with the Hex color 00AD97.

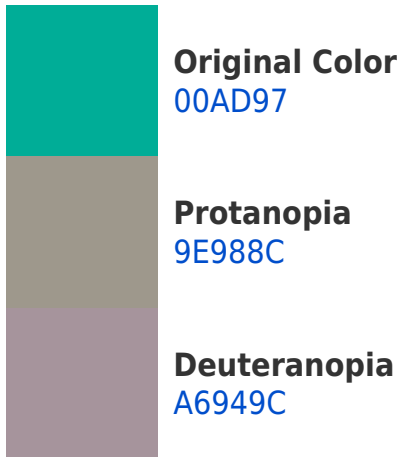


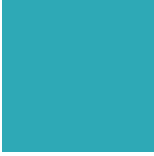
This preview shows how white text looks on a background with the Hex color 00AD97.

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
2EA9B6

Trichromacy



Original Color
00AD97



Protanomaly
65A090



Deuteranomaly
6A9D9A



Tritanomaly
1DAAAB

Monochromacy



Original Color
00AD97



Achromatopsia
777777



Achromatomaly
4C8B83

CSS Examples

Text

The CSS property to change the color of the text to Hex 00AD97 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 #00AD97 looks like.

```
.text, #text, p{  
    color:#00AD97  
}
```

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 #00AD97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00AD97
}
```

Border

The CSS property to change the border of an element to Hex 00AD97 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
#00AD97 }
```

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

```
.border{ border-color:#00AD97 }
```

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

Here you see how a box with a 4 pixel #00AD97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00AD97; -webkit-box-shadow:4px 4px  
4px 4px #00AD97; box-shadow:4px 4px 4px  
4px #00AD97 }
```

Background

The CSS property to change the background color of an element to Hex 00AD97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00AD97 }
```

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

```
.background{ background-color:#00AD97 }
```

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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