

Converting Colors

Hex(00AD7D)

Have a look what the booklet for
Hex(00AD7D) contains.

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Color

Hex(00AD7D)

Conversions

Conversions Part 1

Format	Color
Hex	00AD7D
RGB	0, 173, 125
RGB Percent	0%, 68%, 49%
CMY	1.0000, 0.3216, 0.5098
CMYK	1.00, 0.00, 0.28, 0.32
HSL	163°, 100%, 34%
HSV	163°, 100%, 68%
XYZ	18.6452, 31.3678, 24.4739
YIQ	115.8010, -87.7000, -51.6040

Conversions

Conversions Part 2

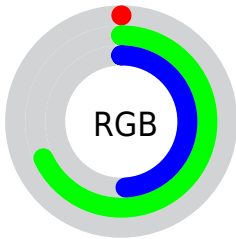
Format	Color
RYB	0, 100, 173
Decimal	44413
CIELab	62.82, -49.21, 14.29
CIELCh	63, 51.238, 163.808
Yxy	31.3678, 0.2503, 0.4211
Android (android.graphics.Color)	4278234493 (0xFF00AD7D)
YUV	115.8010, 4.5351, -101.5575
Hunter-Lab	56.0070, -38.5879, 13.2963

Details

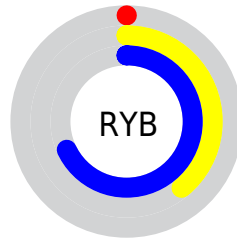
The Hex color **00AD7D** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **AD0030**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **5DE5B2**, and **00774C** is the 20% darker color. If you saturate the color by 10%, you get **00AD7D**, and if you desaturate by 10%, it is **11AD82**.

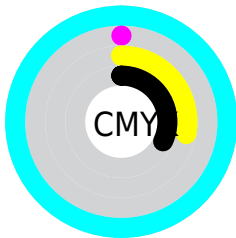
Distribution



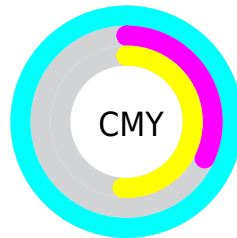
- Red (0%)
- Green (68%)
- Blue (49%)



- Red (0%)
- Yellow (39%)
- Blue (68%)



- Cyan (100%)
- Magenta (0%)
- Yellow (28%)
- Black (32%)



- Cyan (100%)
- Magenta (32%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00AD7D 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 00AD7D by changing the saturation by 10% instead.

 00AD7D

 00AD7D

FFFFFF

 009264

 5DE5B2

 00774C

 7CFFCD

 005E35

 9AFFE9

 00451F

 B8FFFF

 002E09

 D6FFFF

 001200

 F4FFFF

 000000

 00AD7D

 11AD82

 23AD87

 34AD8B

 45AD90

 57AD95

 68AD9A

 79AD9F

 8AADA3

 9CADA8

Harmonies

Analogous

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



6BA753



00AD7D



00AFAC

Triad

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



00AD7D



6F96F0



E37C5B

Complementary

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



00AD7D



AD0030

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.



ED7185



00AD7D



B683DA

Square

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



00AD7D



00A4EF



DF74B3



C68D3E

Rectangle

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



00AD7D



00ADC9



DF74B3



E87768

Sweetspot

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



00AD7D



9DE0CE



31AD00



487065



F0F0F0



707070

Same Dimension

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



00AD7D



00E0A2



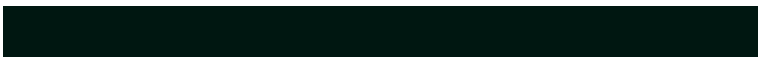
0088AD



4E5754



00966D



001711

Inverse Universe

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



AD0030



E0003E



AD2500



574E50



96002A



170006

Previews

White Background



This preview shows how the Hex color 00AD7D looks on a white background.

Color Contrast Check

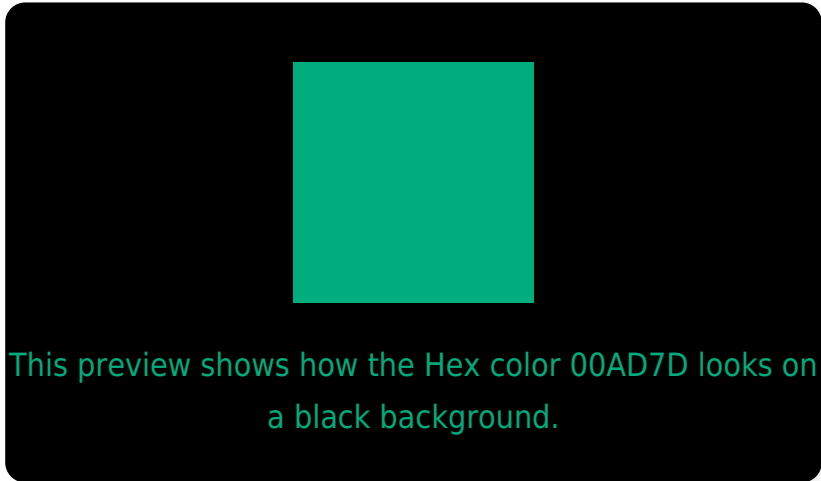
Large Text (above 18pt) WCAG AA × Fail

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

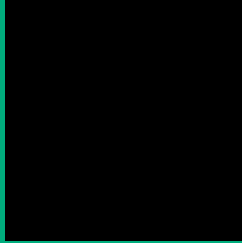
Any Text WCAG AA ✓ Pass

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 00AD7D Background



This preview shows how black text looks on a background with the Hex color 00AD7D.

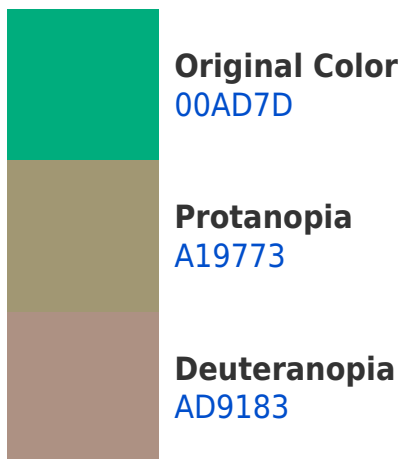


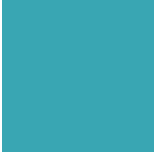
This preview shows how white text looks on a background with the Hex color 00AD7D.

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
39A6B3

Trichromacy



Original Color
00AD7D



Protanomaly
669F77



Deuteranomaly
6E9B81



Tritanomaly
24A99F

Monochromacy



Original Color
00AD7D



Achromatopsia
747474



Achromatomaly
4A8977

CSS Examples

Text

The CSS property to change the color of the text to Hex 00AD7D 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 #00AD7D looks like.

```
.text, #text, p{  
    color:#00AD7D  
}
```

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 #00AD7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00AD7D
}
```

Border

The CSS property to change the border of an element to Hex 00AD7D 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
#00AD7D }
```

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

```
.border{ border-color:#00AD7D }
```

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

Here you see how a box with a 4 pixel #00AD7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00AD7D; -webkit-box-shadow:4px 4px  
4px 4px #00AD7D; box-shadow:4px 4px 4px  
4px #00AD7D }
```

Background

The CSS property to change the background color of an element to Hex 00AD7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00AD7D }
```

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

```
.background{ background-color:#00AD7D }
```

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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