

Converting Colors

Hex(00AD74)

Have a look what the booklet for
Hex(00AD74) contains.

Hex(00AD74)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(00AD74)

Conversions

Conversions Part 1

Format	Color
Hex	00AD74
RGB	0, 173, 116
RGB Percent	0%, 68%, 45%
CMY	1.0000, 0.3216, 0.5451
CMYK	1.00, 0.00, 0.33, 0.32
HSL	160°, 100%, 34%
HSV	160°, 100%, 68%
XYZ	18.0960, 31.1481, 21.5814
YIQ	114.7750, -84.8110, -54.4030

Conversions

Conversions Part 2

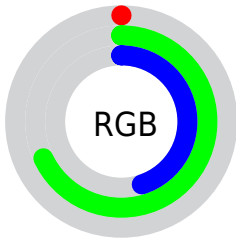
Format	Color
RYB	0, 104, 173
Decimal	44404
CIELab	62.63, -51.29, 18.96
CIELCh	63, 54.685, 159.710
Yxy	31.1481, 0.2555, 0.4398
Android (android.graphics.Color)	4278234484 (0xFF00AD74)
YUV	114.7750, 0.6039, -100.6577
Hunter-Lab	55.8105, -39.7916, 16.1404

Details

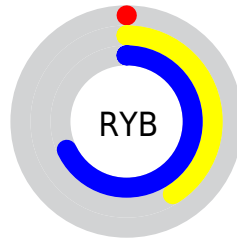
The Hex color **00AD74** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **AD0039**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **5DE6A8**, and **007743** is the 20% darker color. If you saturate the color by 10%, you get **00AD74**, and if you desaturate by 10%, it is **11AD7A**.

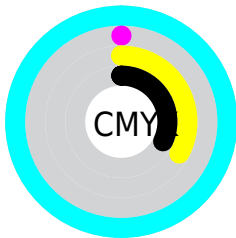
Distribution



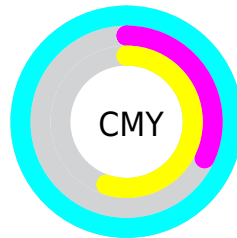
- Red (0%)
- Green (68%)
- Blue (45%)



- Red (0%)
- Yellow (41%)
- Blue (68%)



- Cyan (100%)
- Magenta (0%)
- Yellow (33%)
- Black (32%)



- Cyan (100%)
- Magenta (32%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00AD74 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 00AD74 by changing the saturation by 10% instead.

 00AD74

 00AD74

FFFFFF

 00925B

 5DE6A8

 007743

 7CFFC4

 005D2D

 9AFFE0

 004417

 B8FFFC

 002E00

 D6FFFF

 001100

 F4FFFF

 000000

 00AD74

 11AD7A

 23AD7F

 34AD85

 45AD8B

 57AD91

 68AD96

 79AD9C

 8AADA2

 9CADA7

Harmonies

Analogous

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



6FA649



00AD74



00AFA6

Triad

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



00AD74



5998F7



E9765C

Complementary

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



00AD74



AD0039

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.



F16C8A



00AD74



AF84E3

Square

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



00AD74



00A6F2



DF72BA



CD893A

Rectangle

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



00AD74



00AFC6



DF72BA



EE716A

Sweetspot

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



00AD74



9DE0CA



3AAD00



487063



F0F0F0



707070

Same Dimension

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



00AD74



00E096



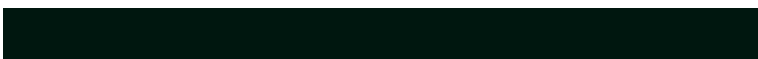
0090AD



4E5754



009665



00170F

Inverse Universe

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



AD0039



E0004A



AD1D00



574E51



960032



170008

Previews

White Background



This preview shows how the Hex color 00AD74 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 00AD74 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

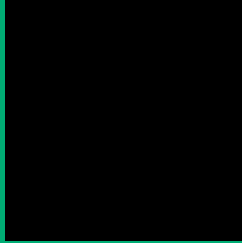
Any Text WCAG AA ✓ Pass

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 00AD74 Background



This preview shows how black text looks on a background with the Hex color 00AD74.

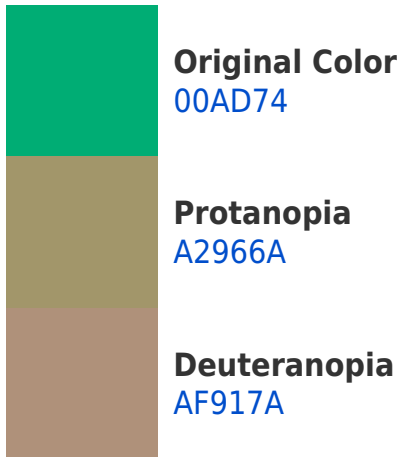


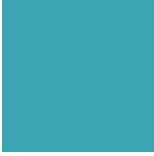
This preview shows how white text looks on a background with the Hex color 00AD74.

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
3CA5B3

Trichromacy



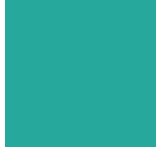
Original Color
00AD74



Protanomaly
679E6E



Deuteranomaly
6F9B78



Tritanomaly
26A89C

Monochromacy



Original Color
00AD74



Achromatopsia
737373



Achromatomaly
498873

CSS Examples

Text

The CSS property to change the color of the text to Hex 00AD74 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 #00AD74 looks like.

```
.text, #text, p{  
    color:#00AD74  
}
```

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 #00AD74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00AD74
}
```

Border

The CSS property to change the border of an element to Hex 00AD74 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
#00AD74 }
```

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

```
.border{ border-color:#00AD74 }
```

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

Here you see how a box with a 4 pixel #00AD74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00AD74; -webkit-box-shadow:4px 4px  
4px 4px #00AD74; box-shadow:4px 4px 4px  
4px #00AD74 }
```

Background

The CSS property to change the background color of an element to Hex 00AD74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00AD74 }
```

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

```
.background{ background-color:#00AD74 }
```

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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