

Converting Colors

Hex(00A974)

Have a look what the booklet for
Hex(00A974) contains.

Hex(00A974)	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(00A974)

Conversions

Conversions Part 1

Format	Color
Hex	00A974
RGB	0, 169, 116
RGB Percent	0%, 66%, 45%
CMY	1.0000, 0.3373, 0.5451
CMYK	1.00, 0.00, 0.31, 0.34
HSL	161°, 100%, 33%
HSV	161°, 100%, 66%
XYZ	17.3404, 29.6369, 21.3296
YIQ	112.4270, -83.7110, -52.3110

Conversions

Conversions Part 2

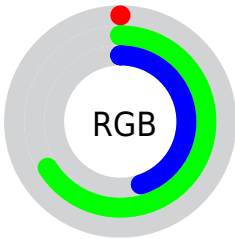
Format	Color
RYB	0, 100, 169
Decimal	43380
CIELab	61.34, -49.78, 17.19
CIELCh	61, 52.664, 160.950
Yxy	29.6369, 0.2539, 0.4339
Android (android.graphics.Color)	4278233460 (0xFF00A974)
YUV	112.4270, 1.7615, -98.5985
Hunter-Lab	54.4398, -38.4131, 14.8780

Details

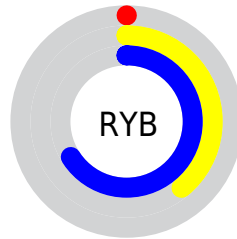
The Hex color **00A974** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A90035**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **5BE1A8**, and **007344** is the 20% darker color. If you saturate the color by 10%, you get **00A974**, and if you desaturate by 10%, it is **11A979**.

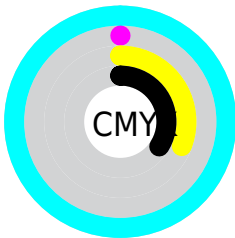
Distribution



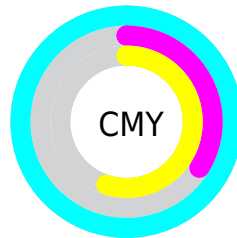
- Red (0%)
- Green (66%)
- Blue (45%)



- Red (0%)
- Yellow (39%)
- Blue (66%)



- Cyan (100%)
- Magenta (0%)
- Yellow (31%)
- Black (34%)



- Cyan (100%)
- Magenta (34%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A974 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 00A974 by changing the saturation by 10% instead.

 00A974

 00A974

FFFFFF

 008E5B

 5BE1A8

 007344

 7AFEC3

 005A2D

 98FFE0

 004118

 B6FFFC

 002B00

 D4FFFF

 000900

 F2FFFF

 000000

 00A974

 11A979

 22A97F

 33A984

 44A989

 54A98E

 65A994

 76A999

 87A99E

 98A9A4

Harmonies

Analogous

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



6BA34A



00A974



00ABA4

Triad

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



00A974



5E93F0



E27559

Complementary

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



00A974



A90035

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.



EA6B85



00A974



AD81DB

Square

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



00A974



00A1EC



DA70B4



C6873A

Rectangle

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



00A974



00AAC3



DA70B4



E77067

Sweetspot

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



00A974



9ADBC7



36A900



466E61



EDEDED



6E6E6E

Same Dimension

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



00A974



00DB97



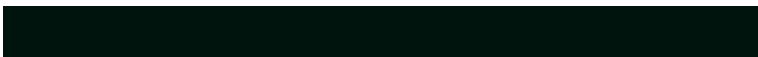
008AA9



4C5452



009466



00140E

Inverse Universe

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



A90035



DB0045



A91F00



544C4E



94002E



140006

Previews

White Background



This preview shows how the Hex color 00A974 looks on a white background.

Color Contrast Check

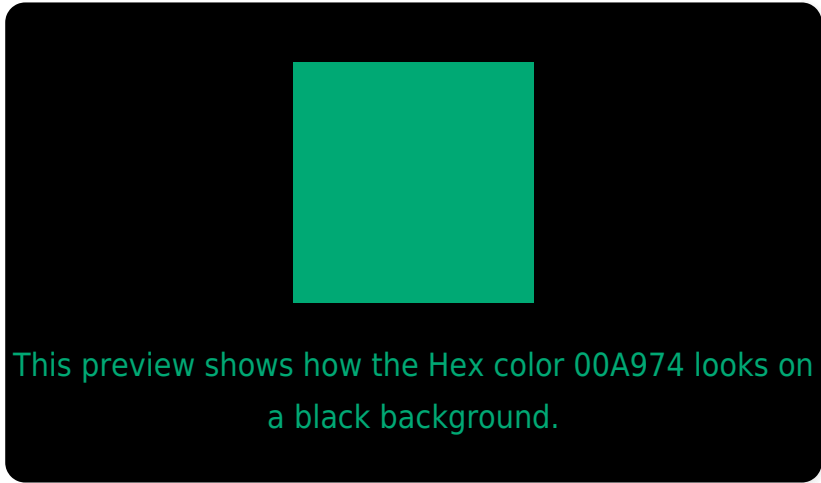
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

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

Hex 00A974 Background



This preview shows how black text looks on a background with the Hex color 00A974.

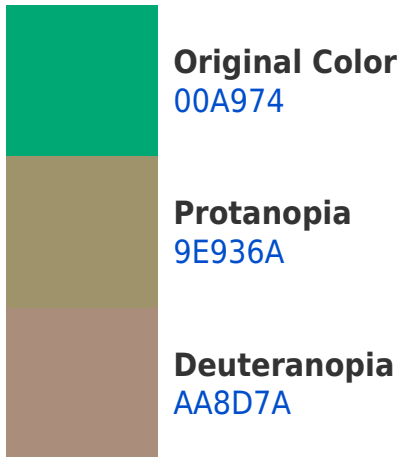


This preview shows how white text looks on a background with the Hex color 00A974.

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
3AA2AF

Trichromacy



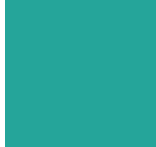
Original Color
00A974



Protanomaly
659B6E



Deuteranomaly
6C9778



Tritanomaly
25A59A

Monochromacy



Original Color
00A974



Achromatopsia
707070



Achromatomaly
478571

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A974 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 #00A974 looks like.

```
.text, #text, p{  
    color:#00A974  
}
```

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 #00A974 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A974
}
```

Border

The CSS property to change the border of an element to Hex 00A974 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
#00A974 }
```

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

```
.border{ border-color:#00A974 }
```

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

Here you see how a box with a 4 pixel #00A974 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A974; -webkit-box-shadow:4px 4px  
4px 4px #00A974; box-shadow:4px 4px 4px  
4px #00A974 }
```

Background

The CSS property to change the background color of an element to Hex 00A974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A974 }
```

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

```
.background{ background-color:#00A974 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor