

Converting Colors

Hex(00A972)

Have a look what the booklet for
Hex(00A972) contains.

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Color

Hex(00A972)

Conversions

Conversions Part 1

Format	Color
Hex	00A972
RGB	0, 169, 114
RGB Percent	0%, 66%, 45%
CMY	1.0000, 0.3373, 0.5529
CMYK	1.00, 0.00, 0.33, 0.34
HSL	160°, 100%, 33%
HSV	160°, 100%, 66%
XYZ	17.2252, 29.5908, 20.7233
YIQ	112.1990, -83.0690, -52.9330

Conversions

Conversions Part 2

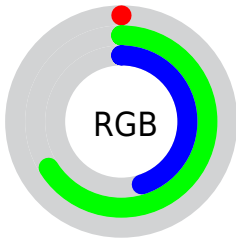
Format	Color
RYB	0, 101, 169
Decimal	43378
CIELab	61.30, -50.24, 18.23
CIELCh	61, 53.442, 160.054
Yxy	29.5908, 0.2550, 0.4381
Android (android.graphics.Color)	4278233458 (0xFF00A972)
YUV	112.1990, 0.8879, -98.3985
Hunter-Lab	54.3975, -38.6726, 15.4910

Details

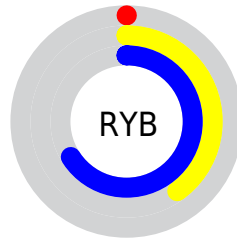
The Hex color **00A972** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A90037**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **5BE1A6**, and **007342** is the 20% darker color. If you saturate the color by 10%, you get **00A972**, and if you desaturate by 10%, it is **11A977**.

Distribution



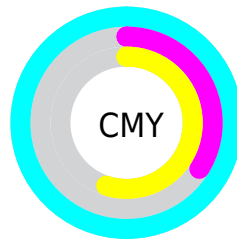
- Red (0%)
- Green (66%)
- Blue (45%)



- Red (0%)
- Yellow (40%)
- Blue (66%)



- Cyan (100%)
- Magenta (0%)
- Yellow (33%)
- Black (34%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 00A972 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 00A972 by changing the saturation by 10% instead.

 00A972

 00A972

FFFFFF

 008E59

 5BE1A6

 007342

 7AFEC1

 005A2B

 98FFDD

 004116

 B6FFFA

 002B00


 D4FFFF

 000900

 F2FFFF

 000000

 00A972

 11A977

 22A97D

 33A982

 44A988

 54A98D

 65A993

 76A998

 87A99E

 98A9A3

Harmonies

Analogous

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



6CA248



00A972



00ABA3

Triad

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



00A972



5994F1



E37459

Complementary

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



00A972



A90037

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.



EB6A86



00A972



AC81DD

Square

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



00A972



00A2EC



DA6FB5



C88639

Rectangle

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



00A972



00AAC2



DA6FB5



E86F67

Sweetspot

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



00A972



9ADBC6



38A900



466E61



EDEDED



6E6E6E

Same Dimension

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



00A972



00DB94



008DA9



4C5451



009464



00140E

Inverse Universe

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



A90037



DB0047



A91C00



544C4E



940030



140007

Previews

White Background



This preview shows how the Hex color 00A972 looks on a white background.

Color Contrast Check

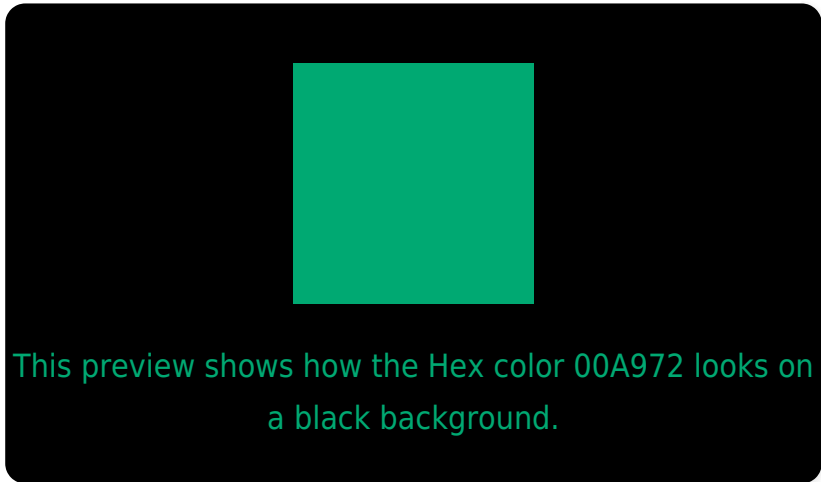
Large Text (above 18pt) WCAG AA ✓ Pass

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

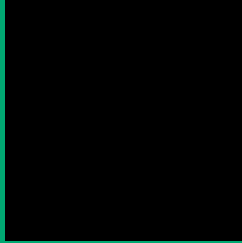
Any Text WCAG AA ✓ Pass

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 00A972 Background



This preview shows how black text looks on a background with the Hex color 00A972.

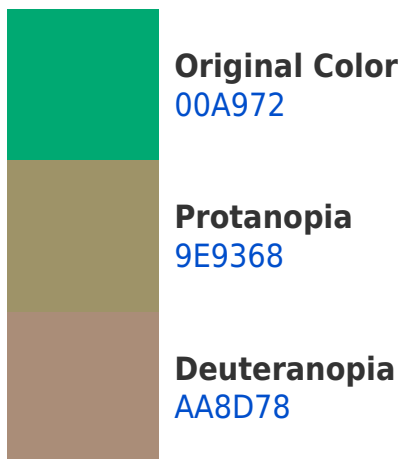


This preview shows how white text looks on a background with the Hex color 00A972.

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
3AA1AF

Trichromacy



Original Color
00A972



Protanomaly
659B6C



Deuteranomaly
6C9776



Tritanomaly
25A499

Monochromacy



Original Color
00A972



Achromatopsia
707070



Achromatomaly
478571

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A972 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 #00A972 looks like.

```
.text, #text, p{  
    color:#00A972  
}
```

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 #00A972 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A972
}
```

Border

The CSS property to change the border of an element to Hex 00A972 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
#00A972 }
```

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

```
.border{ border-color:#00A972 }
```

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

Here you see how a box with a 4 pixel #00A972 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A972; -webkit-box-shadow:4px 4px  
4px 4px #00A972; box-shadow:4px 4px 4px  
4px #00A972 }
```

Background

The CSS property to change the background color of an element to Hex 00A972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A972 }
```

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

```
.background{ background-color:#00A972 }
```

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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