

Converting Colors

Hex(00A96E)

Have a look what the booklet for
Hex(00A96E) contains.

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Color

Hex(00A96E)

Conversions

Conversions Part 1

Format	Color
Hex	00A96E
RGB	0, 169, 110
RGB Percent	0%, 66%, 43%
CMY	1.0000, 0.3373, 0.5686
CMYK	1.00, 0.00, 0.35, 0.34
HSL	159°, 100%, 33%
HSV	159°, 100%, 66%
XYZ	17.0024, 29.5017, 19.5501
YIQ	111.7430, -81.7850, -54.1770

Conversions

Conversions Part 2

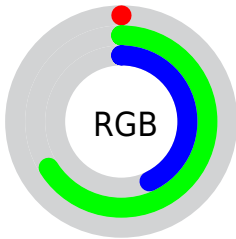
Format	Color
RYB	0, 102, 169
Decimal	43374
CIELab	61.22, -51.13, 20.31
CIELCh	61, 55.013, 158.334
Yxy	29.5017, 0.2574, 0.4466
Android (android.graphics.Color)	4278233454 (0xFF00A96E)
YUV	111.7430, -0.8593, -97.9986
Hunter-Lab	54.3155, -39.1760, 16.6802

Details

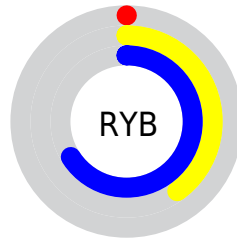
The Hex color **00A96E** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A9003B**, and the grayscale version is **707070**.

A 20% lighter version of the original color is **5BE1A2**, and **00733E** is the 20% darker color. If you saturate the color by 10%, you get **00A96E**, and if you desaturate by 10%, it is **11A974**.

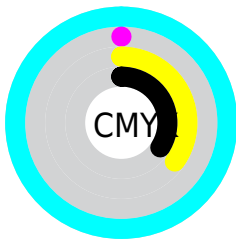
Distribution



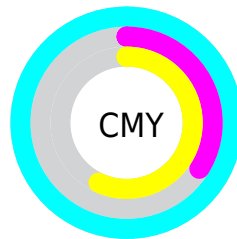
- Red (0%)
- Green (66%)
- Blue (43%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (35%)
- Black (34%)



- Cyan (100%)
- Magenta (34%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A96E 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 00A96E by changing the saturation by 10% instead.

 00A96E

 00A96E

FFFFFF

 008E55

 5BE1A2

 00733E

 7AFEBD

 005A27

 98FFD9

 004112

 B6FFF5

 002B00


 D4FFFF

 000800

 F2FFFF

 000000

 00A96E

 11A974

 22A97A

 33A980

 44A986

 54A98B

 65A991

 76A997

 87A99D

 98A9A3

Harmonies

Analogous

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



6DA243



00A96E



00ACA0

Triad

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



00A96E



4D95F4



E6725A

Complementary

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



00A96E



A9003B

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.



ED6788



00A96E



A881E0

Square

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



00A96E



00A3EE



D96EB9



CB8437

Rectangle

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



00A96E



00ABC1



D96EB9



EB6D68

Sweetspot

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



00A96E



9ADBC4



3BA900



466E60



EDEDED



6E6E6E

Same Dimension

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



00A96E



00DB8F



0090A9



4C5451



009460



00140D

Inverse Universe

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



A9003B



DB004D



A91900



544C4F



940034



140007

Previews

White Background



This preview shows how the Hex color 00A96E looks on a white background.

Color Contrast Check

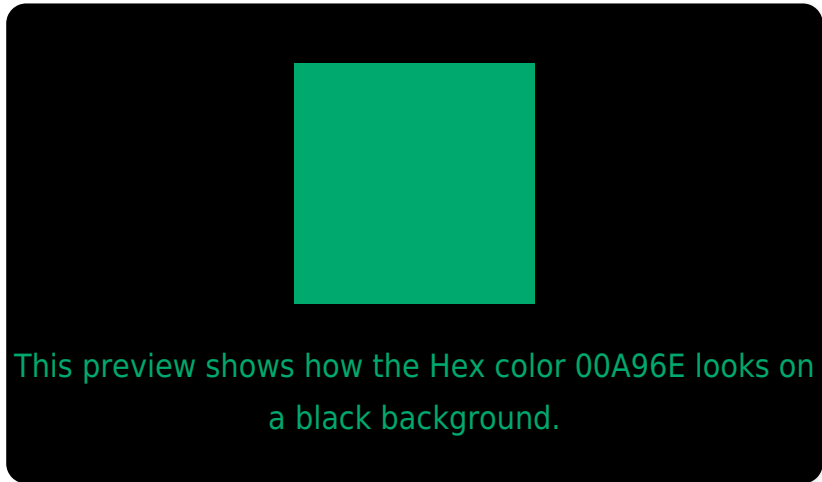
Large Text (above 18pt) WCAG AA ✓ Pass

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 00A96E Background



This preview shows how black text looks on a background with the Hex color 00A96E.

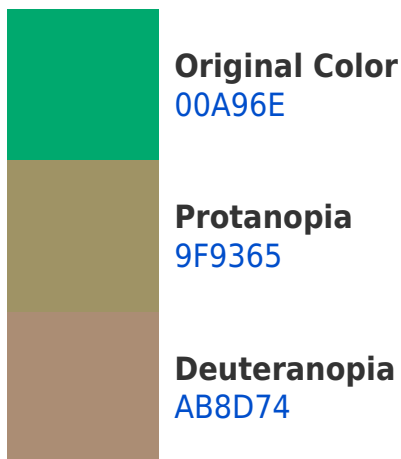


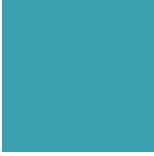
This preview shows how white text looks on a background with the Hex color 00A96E.

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
3BA1AE

Trichromacy



Original Color
00A96E



Protanomaly
659B68



Deuteranomaly
6D9772



Tritanomaly
26A497

Monochromacy



Original Color
00A96E



Achromatopsia
707070



Achromatomaly
47856F

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A96E 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 #00A96E looks like.

```
.text, #text, p{  
  color:#00A96E  
}
```

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 #00A96E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A96E
}
```

Border

The CSS property to change the border of an element to Hex 00A96E 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".

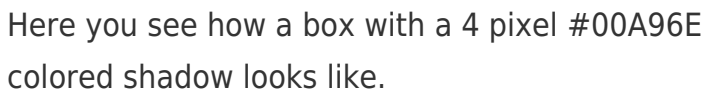
```
.border, #border, table{ border:4px solid
#00A96E }
```

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

```
.border{ border-color:#00A96E }
```

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

Here you see how a box with a 4 pixel #00A96E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A96E; -webkit-box-shadow:4px 4px  
4px 4px #00A96E; box-shadow:4px 4px 4px  
4px #00A96E }
```

Background

The CSS property to change the background color of an element to Hex 00A96E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A96E }
```

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

```
.background{ background-color:#00A96E }
```

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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