

Converting Colors

Hex(00AC6E)

Have a look what the booklet for
Hex(00AC6E) contains.

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Color

Hex(00AC6E)

Conversions

Conversions Part 1

Format	Color
Hex	00AC6E
RGB	0, 172, 110
RGB Percent	0%, 67%, 43%
CMY	1.0000, 0.3255, 0.5686
CMYK	1.00, 0.00, 0.36, 0.33
HSL	158°, 100%, 34%
HSV	158°, 100%, 67%
XYZ	17.5670, 30.6308, 19.7383
YIQ	113.5040, -82.6100, -55.7460

Conversions

Conversions Part 2

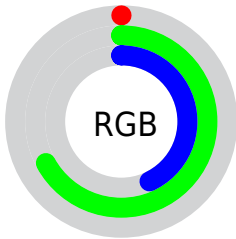
Format	Color
RYB	0, 105, 172
Decimal	44142
CIELab	62.19, -52.24, 21.63
CIELCh	62, 56.536, 157.509
Yxy	30.6308, 0.2586, 0.4509
Android (android.graphics.Color)	4278234222 (0xFF00AC6E)
YUV	113.5040, -1.7275, -99.5430
Hunter-Lab	55.3451, -40.1966, 17.5964

Details

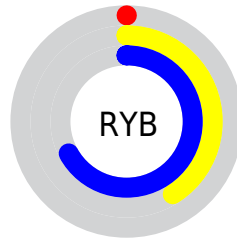
The Hex color **00AC6E** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **AC003E**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **5CE5A2**, and **00763E** is the 20% darker color. If you saturate the color by 10%, you get **00AC6E**, and if you desaturate by 10%, it is **11AC74**.

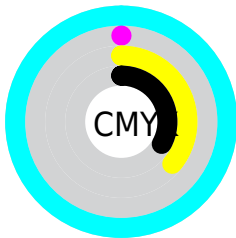
Distribution



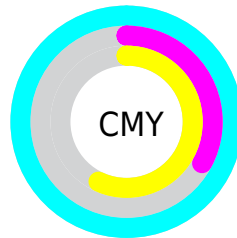
- Red (0%)
- Green (67%)
- Blue (43%)



- Red (0%)
- Yellow (41%)
- Blue (67%)



- Cyan (100%)
- Magenta (0%)
- Yellow (36%)
- Black (33%)



- Cyan (100%)
- Magenta (33%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00AC6E 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 00AC6E by changing the saturation by 10% instead.

 00AC6E

 00AC6E

FFFFFF

 009155

 5CE5A2

 00763E

 7BFFBD

 005C27

 99FFD9

 004411

 B7FFF6

 002E00

 D5FFFF

 000E00

 F3FFFF

 000000

 00AC6E

 11AC74

 22AC7A

 34AC81

 45AC87

 56AC8D

 67AC93

 78AC99

 8AACA0

 9BACA6

Harmonies

Analogous

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



70A542



00AC6E



00AFA2

Triad

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



00AC6E



4898FA



EB735C

Complementary

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



00AC6E



AC003E

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.



F2688C



00AC6E



A984E6

Square

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



00AC6E



00A6F3



DD70BE



D08637

Rectangle

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



00AC6E



00AEC3



DD70BE



F06D6B

Sweetspot

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



00AC6E



9DE0C8



3FAC00



487062



F0F0F0



707070

Same Dimension

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



00AC6E



00E090



0095AC



4E5754



009660



00170F

Inverse Universe

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



AC003E



E00051



AC1700



574E51



960036



170008

Previews

White Background



This preview shows how the Hex color 00AC6E 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 00AC6E looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

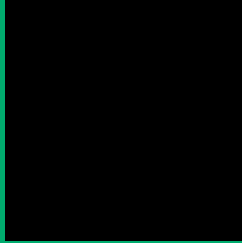
Any Text WCAG AA ✓ Pass

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 00AC6E Background



This preview shows how black text looks on a background with the Hex color 00AC6E.

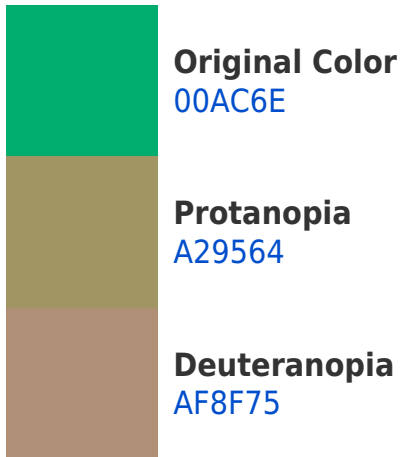


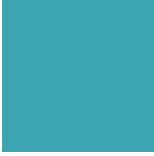
This preview shows how white text looks on a background with the Hex color 00AC6E.

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
3DA4B1

Trichromacy



Original Color
00AC6E



Protanomaly
679D68



Deuteranomaly
6F9A72



Tritanomaly
27A799

Monochromacy



Original Color
00AC6E



Achromatopsia
727272



Achromatomaly
498771

CSS Examples

Text

The CSS property to change the color of the text to Hex 00AC6E 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 #00AC6E looks like.

```
.text, #text, p{  
    color:#00AC6E  
}
```

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 #00AC6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00AC6E
}
```

Border

The CSS property to change the border of an element to Hex 00AC6E 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
#00AC6E }
```

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

```
.border{ border-color:#00AC6E }
```

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

Here you see how a box with a 4 pixel #00AC6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00AC6E; -webkit-box-shadow:4px 4px  
4px 4px #00AC6E; box-shadow:4px 4px 4px  
4px #00AC6E }
```

Background

The CSS property to change the background color of an element to Hex 00AC6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00AC6E }
```

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

```
.background{ background-color:#00AC6E }
```

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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