

Converting Colors

Hex(00AE6A)

Have a look what the booklet for
Hex(00AE6A) contains.

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Color

Hex(00AE6A)

Conversions

Conversions Part 1

Format	Color
Hex	00AE6A
RGB	0, 174, 106
RGB Percent	0%, 68%, 42%
CMY	1.0000, 0.3176, 0.5843
CMYK	1.00, 0.00, 0.39, 0.32
HSL	157°, 100%, 34%
HSV	157°, 100%, 68%
XYZ	17.7376, 31.3127, 18.7448
YIQ	114.2220, -81.8760, -58.0360

Conversions

Conversions Part 2

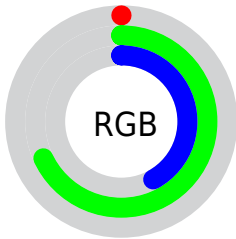
Format	Color
RYB	0, 108, 174
Decimal	44650
CIELab	62.77, -53.80, 24.55
CIELCh	63, 59.137, 155.470
Yxy	31.3127, 0.2616, 0.4619
Android (android.graphics.Color)	4278234730 (0xFF00AE6A)
YUV	114.2220, -4.0534, -100.1727
Hunter-Lab	55.9578, -41.3449, 19.3094

Details

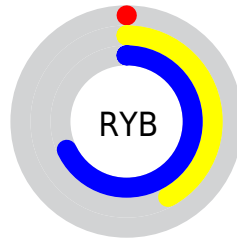
The Hex color **00AE6A** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **AE0044**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **5DE79E**, and **00783A** is the 20% darker color. If you saturate the color by 10%, you get **00AE6A**, and if you desaturate by 10%, it is **11AE71**.

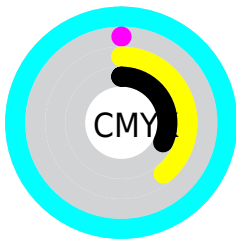
Distribution



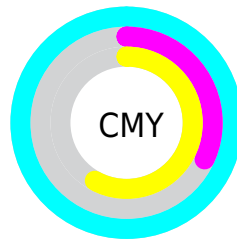
- Red (0%)
- Green (68%)
- Blue (42%)



- Red (0%)
- Yellow (42%)
- Blue (68%)



- Cyan (100%)
- Magenta (0%)
- Yellow (39%)
- Black (32%)



- Cyan (100%)
- Magenta (32%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00AE6A 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 00AE6A by changing the saturation by 10% instead.

 00AE6A

 00AE6A

FFFFFF

 009351

 5DE79E

 00783A

 7CFFB9

 005E23

 9AFFD5

 00450D

 B8FFF1

 002F00


 D6FFFF

 001100

 F4FFFF

 000000

 00AE6A

 11AE71

 23AE78

 34AE7E

 46AE85

 57AE8C

 68AE93

 7AAE9A

 8BAEA0

 9DAEA7

Harmonies

Analogous

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



74A63C



00AE6A



00B1A0

Triad

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



00AE6A



319BFF



F1715E

Complementary

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



00AE6A



AE0044

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.



F76690



00AE6A



A686EE

Square

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



00AE6A



00A9F7



DF70C5



D68535

Rectangle

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



00AE6A



00B1C4



DF70C5



F66B6E

Sweetspot

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



00AE6A



9FE3C8



46AE00



497363



F2F2F2



737373

Same Dimension

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



00AE6A



00E38A



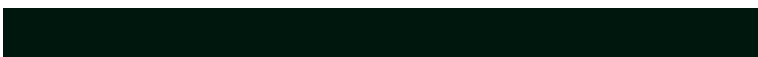
009DAE



4E5753



00965C



00170E

Inverse Universe

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



AE0044



E30059



AE1100



574E51



96003B



170009

Previews

White Background



This preview shows how the Hex color 00AE6A looks on a white background.

Color Contrast Check

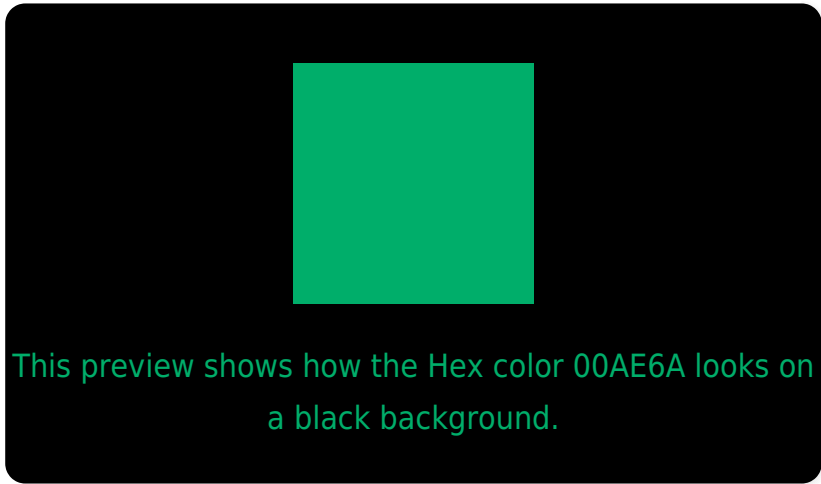
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

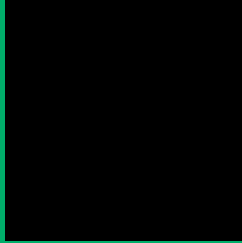
Any Text WCAG AA ✓ Pass

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 00AE6A Background



This preview shows how black text looks on a background with the Hex color 00AE6A.



This preview shows how white text looks on a background with the Hex color 00AE6A.

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](#).

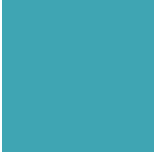
Dichromacy



Original Color
00AE6A

Protanopia
A49761

Deuteranopia
B29171



Tritanopia
3FA5B3

Trichromacy



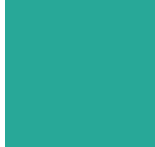
Original Color
00AE6A



Protanomaly
689F64



Deuteranomaly
719C6E



Tritanomaly
28A898

Monochromacy



Original Color
00AE6A



Achromatopsia
727272



Achromatomaly
49886F

CSS Examples

Text

The CSS property to change the color of the text to Hex 00AE6A 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 #00AE6A looks like.

```
.text, #text, p{  
    color:#00AE6A  
}
```

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 #00AE6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00AE6A
}
```

Border

The CSS property to change the border of an element to Hex 00AE6A 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
#00AE6A }
```

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

```
.border{ border-color:#00AE6A }
```

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

Here you see how a box with a 4 pixel #00AE6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00AE6A; -webkit-box-shadow:4px 4px  
4px 4px #00AE6A; box-shadow:4px 4px 4px  
4px #00AE6A }
```

Background

The CSS property to change the background color of an element to Hex 00AE6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00AE6A }
```

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

```
.background{ background-color:#00AE6A }
```

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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