

Converting Colors

Hex(00AF61)

Have a look what the booklet for
Hex(00AF61) contains.

Hex(00AF61)	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(00AF61)

Conversions

Conversions Part 1

Format	Color
Hex	00AF61
RGB	0, 175, 97
RGB Percent	0%, 69%, 38%
CMY	1.0000, 0.3137, 0.6196
CMYK	1.00, 0.00, 0.45, 0.31
HSL	153°, 100%, 34%
HSV	153°, 100%, 69%
XYZ	17.4876, 31.5230, 16.4721
YIQ	113.7830, -79.2620, -61.3580

Conversions

Conversions Part 2

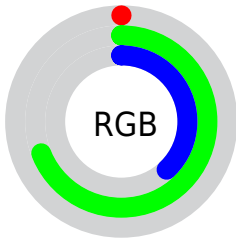
Format	Color
RYB	0, 113, 175
Decimal	44897
CIELab	62.95, -55.91, 29.55
CIELCh	63, 63.234, 152.143
Yxy	31.5230, 0.2671, 0.4814
Android (android.graphics.Color)	4278234977 (0xFF00AF61)
YUV	113.7830, -8.2740, -99.7877
Hunter-Lab	56.1454, -42.6568, 21.9070

Details

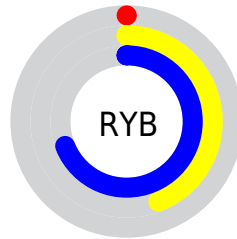
The Hex color **00AF61** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **AF004E**, and the grayscale version is **727272**.

A 20% lighter version of the original color is **5DE895**, and **007931** is the 20% darker color. If you saturate the color by 10%, you get **00AF61**, and if you desaturate by 10%, it is **11AF69**.

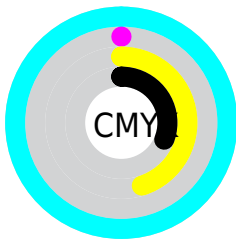
Distribution



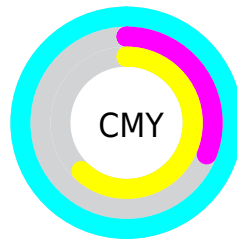
- Red (0%)
- Green (69%)
- Blue (38%)



- Red (0%)
- Yellow (44%)
- Blue (69%)



- Cyan (100%)
- Magenta (0%)
- Yellow (45%)
- Black (31%)



- Cyan (100%)
- Magenta (31%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00AF61 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 00AF61 by changing the saturation by 10% instead.

 00AF61

 00AF61

FFFFFF

 009448

 5DE895

 007931

 7CFFB0

 005F19

 9AFFCB

 004601

 B8FFE8

 003000

 D6FFFF

 001200

 F5FFFF

 000000

 00AF61

 11AF69

 23AF71

 35AF78

 46AF80

 58AF88

 69AF90

 7AAF98

 8CAF9F

 9EAF A7

Harmonies

Analogous

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



78A62F



00AF61



00B39B

Triad

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



00AF61



009EFF



F96B60

Complementary

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



00AF61



AF004E

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.



FC6297



00AF61



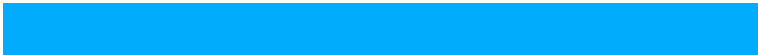
9E88F8

Square

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



00AF61



00ACFB



DF6FCE



DE8232

Rectangle

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



00AF61



00B3C1



DF6FCE



FD6671

Sweetspot

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



00AF61



9FE3C5



4FAF00



497360



F2F2F2



737373

Same Dimension

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



00AF61



00E37E



00A6AF



4E5753



009653



00170D

Inverse Universe

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



AF004E



E30065



AF0900



574E52



960043



17000A

Previews

White Background



This preview shows how the Hex color 00AF61 looks on a white background.

Color Contrast Check

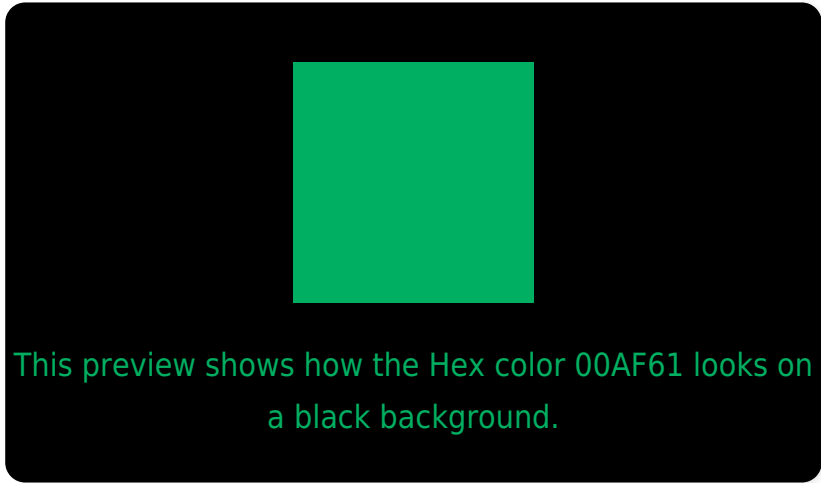
Large Text (above 18pt) WCAG AA × Fail

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 00AF61 Background



This preview shows how black text looks on a background with the Hex color 00AF61.

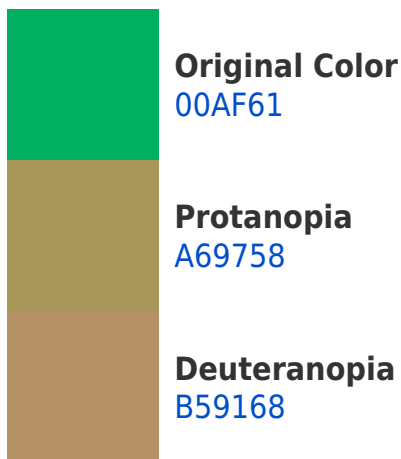


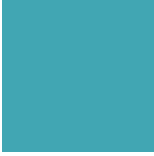
This preview shows how white text looks on a background with the Hex color 00AF61.

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
41A6B3

Trichromacy



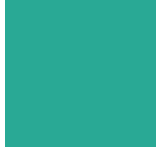
Original Color
00AF61



Protanomaly
6AA05B



Deuteranomaly
739C65



Tritanomaly
29A995

Monochromacy



Original Color
00AF61



Achromatopsia
727272



Achromatomaly
49886C

CSS Examples

Text

The CSS property to change the color of the text to Hex 00AF61 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 #00AF61 looks like.

```
.text, #text, p{  
    color:#00AF61  
}
```

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 #00AF61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00AF61
}
```

Border

The CSS property to change the border of an element to Hex 00AF61 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
#00AF61 }
```

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

```
.border{ border-color:#00AF61 }
```

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

Here you see how a box with a 4 pixel #00AF61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00AF61; -webkit-box-shadow:4px 4px  
4px 4px #00AF61; box-shadow:4px 4px 4px  
4px #00AF61 }
```

Background

The CSS property to change the background color of an element to Hex 00AF61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00AF61 }
```

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

```
.background{ background-color:#00AF61 }
```

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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