

Converting Colors

Hex(00A76B)

Have a look what the booklet for
Hex(00A76B) contains.

Hex(00A76B)	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(00A76B)

Conversions

Conversions Part 1

Format	Color
Hex	00A76B
RGB	0, 167, 107
RGB Percent	0%, 65%, 42%
CMY	1.0000, 0.3451, 0.5804
CMYK	1.00, 0.00, 0.36, 0.35
HSL	158°, 100%, 33%
HSV	158°, 100%, 65%
XYZ	16.4726, 28.6990, 18.5812
YIQ	110.2270, -80.2720, -54.0640

Conversions

Conversions Part 2

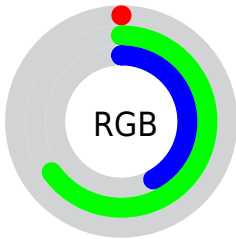
Format	Color
RYB	0, 102, 167
Decimal	42859
CIELab	60.52, -51.04, 20.99
CIELCh	61, 55.184, 157.646
Yxy	28.6990, 0.2584, 0.4502
Android (android.graphics.Color)	4278232939 (0xFF00A76B)
YUV	110.2270, -1.5909, -96.6691
Hunter-Lab	53.5714, -38.8634, 16.9353

Details

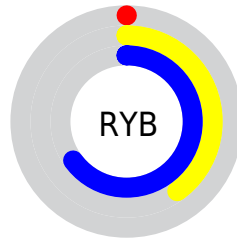
The Hex color **00A76B** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A7003C**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **5BDF9F**, and **00723B** is the 20% darker color. If you saturate the color by 10%, you get **00A76B**, and if you desaturate by 10%, it is **11A771**.

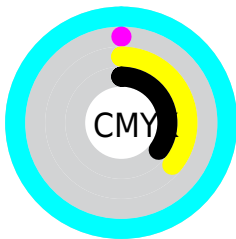
Distribution



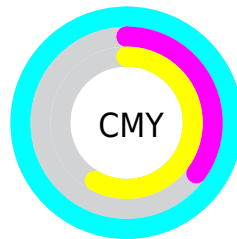
- Red (0%)
- Green (65%)
- Blue (42%)



- Red (0%)
- Yellow (40%)
- Blue (65%)



- Cyan (100%)
- Magenta (0%)
- Yellow (36%)
- Black (35%)



- Cyan (100%)
- Magenta (35%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A76B 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 00A76B by changing the saturation by 10% instead.

 00A76B

 00A76B

FFFFFF

 008C52

 5BDF9F

 00723B

 79FCBA

 005825

 97FFD6

 003F0F

 B5FFF2

 002900


 D3FFFF


 000400

 F1FFFF

 000000

 00A76B

 11A771

 21A777

 32A77D

 43A783

 53A789

 64A78F

 75A795

 86A79B

 96A7A1

Harmonies

Analogous

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



6DA040



00A76B



00AA9D

Triad

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



00A76B



4793F3



E46F59

Complementary

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



00A76B



A7003C

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.



EB6587



00A76B



A580DF

Square

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



00A76B



00A1EC



D76DB8



C98235

Rectangle

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



00A76B



00A9BE



D76DB8



E96A68

Sweetspot

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



00A76B



98D9C1



3DA700



466E5F



EDEDED



6E6E6E

Same Dimension

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



00A76B



00D98B



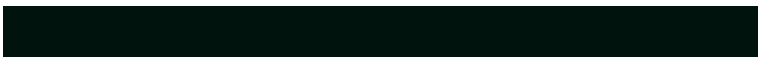
0091A7



4C5451



00945F



00140D

Inverse Universe

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



A7003C



D9004E



A71600



544C4F



940035



140007

Previews

White Background



This preview shows how the Hex color 00A76B 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



This preview shows how the Hex color 00A76B looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

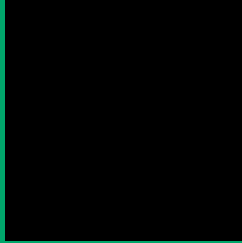
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 00A76B Background



This preview shows how black text looks on a background with the Hex color 00A76B.

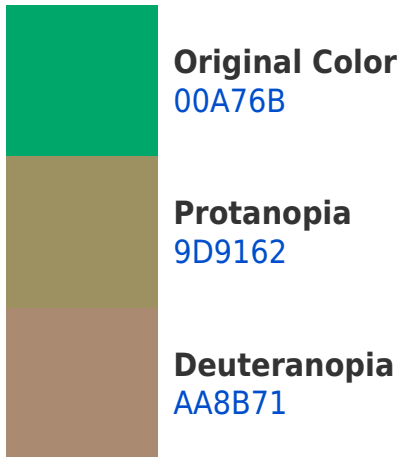


This preview shows how white text looks on a background with the Hex color 00A76B.

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
3B9FAC

Trichromacy



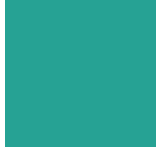
Original Color
00A76B



Protanomaly
649965



Deuteranomaly
6C956F



Tritanomaly
26A294

Monochromacy



Original Color
00A76B



Achromatopsia
6E6E6E



Achromatomaly
46836D

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A76B 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 #00A76B looks like.

```
.text, #text, p{  
    color:#00A76B  
}
```

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 #00A76B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A76B
}
```

Border

The CSS property to change the border of an element to Hex 00A76B 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
#00A76B }
```

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

```
.border{ border-color:#00A76B }
```

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

Here you see how a box with a 4 pixel #00A76B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A76B; -webkit-box-shadow:4px 4px  
4px 4px #00A76B; box-shadow:4px 4px 4px  
4px #00A76B }
```

Background

The CSS property to change the background color of an element to Hex 00A76B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A76B }
```

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

```
.background{ background-color:#00A76B }
```

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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