

Converting Colors

Hex(00A46D)

Have a look what the booklet for
Hex(00A46D) contains.

Hex(00A46D)	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(00A46D)

Conversions

Conversions Part 1

Format	Color
Hex	00A46D
RGB	0, 164, 109
RGB Percent	0%, 64%, 43%
CMY	1.0000, 0.3569, 0.5725
CMYK	1.00, 0.00, 0.34, 0.36
HSL	160°, 100%, 32%
HSV	160°, 100%, 64%
XYZ	16.0358, 27.6550, 18.9608
YIQ	108.6940, -80.0890, -51.8730

Conversions

Conversions Part 2

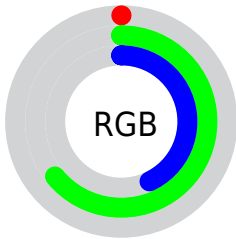
Format	Color
RYB	0, 99, 164
Decimal	42093
CIELab	59.58, -49.47, 18.62
CIElCh	60, 52.862, 159.378
Yxy	27.6550, 0.2560, 0.4414
Android (android.graphics.Color)	4278232173 (0xFF00A46D)
YUV	108.6940, 0.1509, -95.3246
Hunter-Lab	52.5881, -37.5988, 15.4345

Details

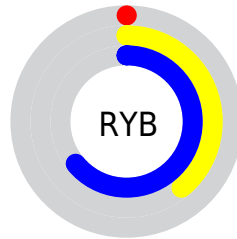
The Hex color **00A46D** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **A40037**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **5ADCA1**, and **006F3D** is the 20% darker color. If you saturate the color by 10%, you get **00A46D**, and if you desaturate by 10%, it is **10A472**.

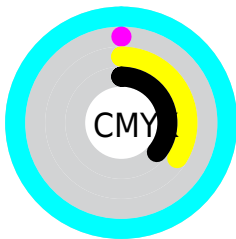
Distribution



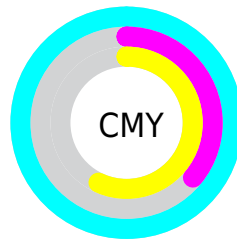
- Red (0%)
- Green (64%)
- Blue (43%)



- Red (0%)
- Yellow (39%)
- Blue (64%)



- Cyan (100%)
- Magenta (0%)
- Yellow (34%)
- Black (36%)



- Cyan (100%)
- Magenta (36%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A46D 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 00A46D by changing the saturation by 10% instead.

 00A46D

 00A46D

FFFFFF

 008954

 5ADCA1

 006F3D

 78F9BC

 005527

 96FFD8

 003D11

 B4FFF4

 002700

 D2FFFF

 000000

 F0FFFF

 00A46D

 10A472

 21A478

 31A47D

 42A483

 52A488

 62A48E

 73A493

 83A499

 94A49E

Harmonies

Analogous

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



699D44



00A46D



00A69D

Triad

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



00A46D



5290EB



DE7057

Complementary

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



00A46D



A40037

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.



E56583



00A46D



A57DD8

Square

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



00A46D



009DE6



D36BB1



C38136

Rectangle

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



00A46D



00A6BC



D36BB1



E36B65

Sweetspot

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



00A46D



96D6C1



39A400



456B5E



EBEBEB



6B6B6B

Same Dimension

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



00A46D



00D68E



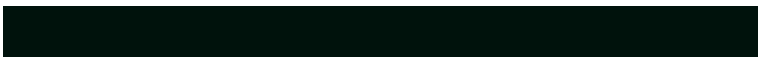
008BA4



49524F



009161



00120C

Inverse Universe

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



A40037



D60048



A41900



52494C



910031



120006

Previews

White Background



This preview shows how the Hex color 00A46D 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 00A46D 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 00A46D Background



This preview shows how black text looks on a background with the Hex color 00A46D.

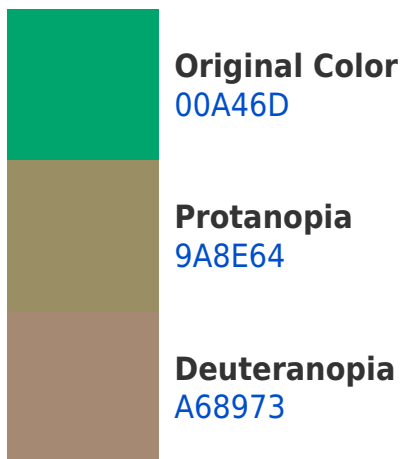


This preview shows how white text looks on a background with the Hex color 00A46D.

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
399DA9

Trichromacy



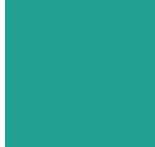
Original Color
00A46D



Protanomaly
629667



Deuteranomaly
6A9371



Tritanomaly
24A093

Monochromacy



Original Color
00A46D



Achromatopsia
6D6D6D



Achromatomaly
45816D

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A46D 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 #00A46D looks like.

```
.text, #text, p{  
    color:#00A46D  
}
```

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 #00A46D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A46D
}
```

Border

The CSS property to change the border of an element to Hex 00A46D 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
#00A46D }
```

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

```
.border{ border-color:#00A46D }
```

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

Here you see how a box with a 4 pixel #00A46D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A46D; -webkit-box-shadow:4px 4px  
4px 4px #00A46D; box-shadow:4px 4px 4px  
4px #00A46D }
```

Background

The CSS property to change the background color of an element to Hex 00A46D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A46D }
```

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

```
.background{ background-color:#00A46D }
```

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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