

Converting Colors

Hex(00A146)

Have a look what the booklet for
Hex(00A146) contains.

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Color

Hex(00A146)

Conversions

Conversions Part 1

Format	Color
Hex	00A146
RGB	0, 161, 70
RGB Percent	0%, 63%, 27%
CMY	1.0000, 0.3686, 0.7255
CMYK	1.00, 0.00, 0.57, 0.37
HSL	146°, 100%, 32%
HSV	146°, 100%, 63%
XYZ	13.8504, 25.9319, 10.0697
YIQ	102.4870, -66.7450, -62.4330

Conversions

Conversions Part 2

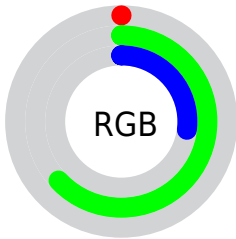
Format	Color
RYB	0, 112, 161
Decimal	41286
CIELab	57.97, -55.73, 37.09
CIELCh	58, 66.948, 146.353
Yxy	25.9319, 0.2778, 0.5202
Android (android.graphics.Color)	4278231366 (0xFF00A146)
YUV	102.4870, -16.0161, -89.8811
Hunter-Lab	50.9234, -40.5668, 23.9222

Details

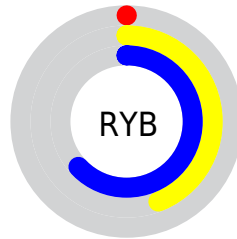
The Hex color **00A146** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A1005B**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **59D979**, and **006C14** is the 20% darker color. If you saturate the color by 10%, you get **00A146**, and if you desaturate by 10%, it is **10A14F**.

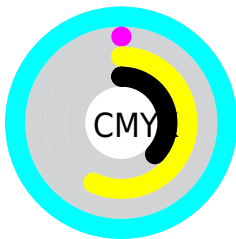
Distribution



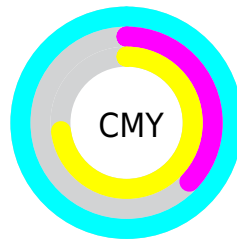
- Red (0%)
- Green (63%)
- Blue (27%)



- Red (0%)
- Yellow (44%)
- Blue (63%)



- Cyan (100%)
- Magenta (0%)
- Yellow (57%)
- Black (37%)



- Cyan (100%)
- Magenta (37%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A146 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 00A146 by changing the saturation by 10% instead.

 00A146

 00A146

FFFFFF

 00862D

 59D979

 006C14

 78F693

 005200

 95FFAE

 003A00

 B3FFCA

 002300

 D1FFE6

 000000

 EFFFFFF

 00A146

 10A14F

 20A158


 30A161

 40A16A

 51A173

 61A17D

 71A186

 81A18F

 91A198

Harmonies

Analogous

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



749706



00A146



00A682

Triad

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



00A146



0095FF



F1555B

Complementary

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



00A146



A1005B

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.



EF4E95



00A146



7B7FF5

Square

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



00A146



00A1EC



CA63CD



D86E26

Rectangle

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



00A146



00A6AB



CA63CD



F3506E

Sweetspot

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



00A146



92D1AE



5BA100



436953



E8E8E8



696969

Same Dimension

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



00A146



00D15B



00A196



49524D



00913F



001208

Inverse Universe

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



A1005B



D10076



A1000B



52494E



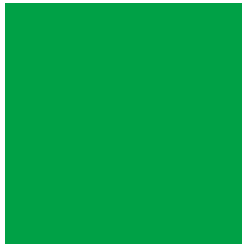
910052



12000A

Previews

White Background



This preview shows how the Hex color 00A146 looks on a white background.

Color Contrast Check

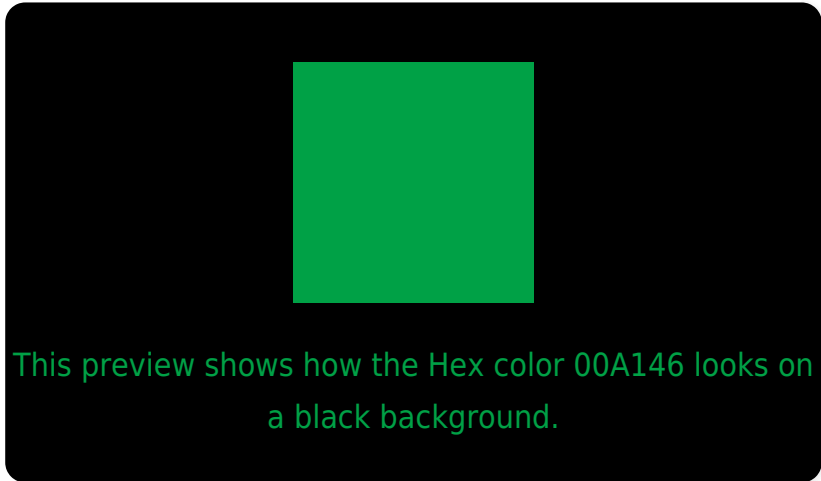
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 00A146 Background



This preview shows how black text looks on a background with the Hex color 00A146.



This preview shows how white text looks on a background with the Hex color 00A146.

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](#).

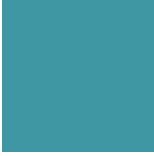
Dichromacy



Original Color
00A146

Protanopia
9A8B3F

Deuteranopia
A9844E



Tritanopia
3F97A4

Trichromacy



Original Color
00A146



Protanomaly
629342



Deuteranomaly
6C8F4B



Tritanomaly
289B82

Monochromacy



Original Color
00A146



Achromatopsia
666666



Achromatomaly
417B5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A146 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 #00A146 looks like.

```
.text, #text, p{  
    color:#00A146  
}
```

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 #00A146 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A146
}
```

Border

The CSS property to change the border of an element to Hex 00A146 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
#00A146 }
```

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

```
.border{ border-color:#00A146 }
```

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

Here you see how a box with a 4 pixel #00A146 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A146; -webkit-box-shadow:4px 4px  
4px 4px #00A146; box-shadow:4px 4px 4px  
4px #00A146 }
```

Background

The CSS property to change the background color of an element to Hex 00A146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A146 }
```

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

```
.background{ background-color:#00A146 }
```

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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