

Converting Colors

Hex(00A147)

Have a look what the booklet for
Hex(00A147) contains.

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Color

Hex(00A147)

Conversions

Conversions Part 1

Format	Color
Hex	00A147
RGB	0, 161, 71
RGB Percent	0%, 63%, 28%
CMY	1.0000, 0.3686, 0.7216
CMYK	1.00, 0.00, 0.56, 0.37
HSL	146°, 100%, 32%
HSV	146°, 100%, 63%
XYZ	13.8822, 25.9447, 10.2374
YIQ	102.6010, -67.0660, -62.1220

Conversions

Conversions Part 2

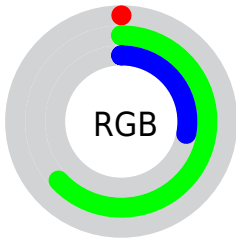
Format	Color
RYB	0, 112, 161
Decimal	41287
CIELab	57.98, -55.58, 36.62
CIELCh	58, 66.560, 146.625
Yxy	25.9447, 0.2773, 0.5182
Android (android.graphics.Color)	4278231367 (0xFF00A147)
YUV	102.6010, -15.5793, -89.9811
Hunter-Lab	50.9359, -40.4890, 23.7387

Details

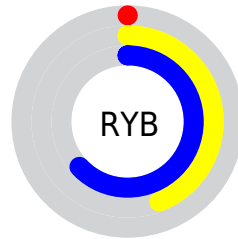
The Hex color **00A147** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A1005A**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **59D97A**, and **006C15** is the 20% darker color. If you saturate the color by 10%, you get **00A147**, and if you desaturate by 10%, it is **10A150**.

Distribution



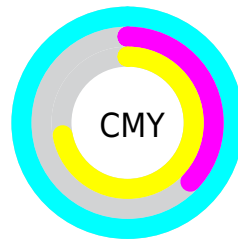
- Red (0%)
- Green (63%)
- Blue (28%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (56%)
- Black (37%)



- Cyan (100%)
- Magenta (37%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00A147 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 00A147 by changing the saturation by 10% instead.

 00A147

 00A147


FFFFFF

 00862F

 59D97A

 006C15

 78F694

 005200

 95FFAF

 003A00

 B3FFCB

 002300

 D1FFE7

 000000

 EFFFFFF

 00A147

 10A150

 20A159


 30A162

 40A16B

 51A174

 61A17D

 71A186

 81A18F

 91A198

Harmonies

Analogous

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



749709



00A147



00A683

Triad

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



00A147



0094FF



F0565B

Complementary

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



00A147



A1005A

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.



EE4F94



00A147



7C7FF4

Square

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



00A147



00A1EC



CB63CC



D76F26

Rectangle

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



00A147



00A6AB



CB63CC



F3506E

Sweetspot

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



00A147



92D1AE



5BA100



436954



E8E8E8



696969

Same Dimension

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



00A147



00D15C



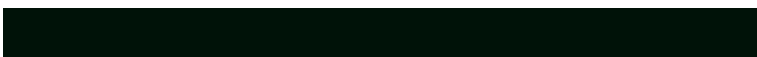
00A196



49524D



009140



001208

Inverse Universe

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



A1005A



D10075



A1000B



52494E



910051



12000A

Previews

White Background



This preview shows how the Hex color 00A147 looks on a white background.

Color Contrast Check

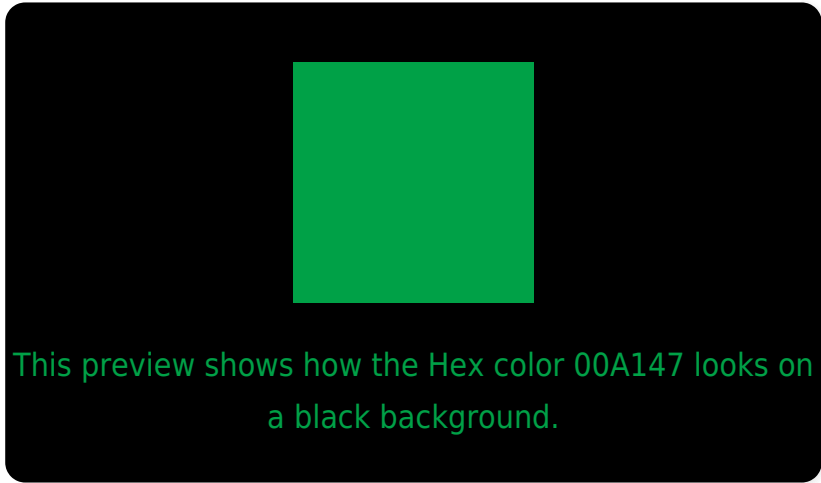
Large Text (above 18pt) WCAG AA ✓ Pass

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 00A147 Background



This preview shows how black text looks on a background with the Hex color 00A147.



This preview shows how white text looks on a background with the Hex color 00A147.

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](#).

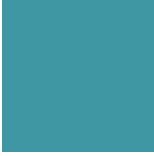
Dichromacy



Original Color
00A147

Protanopia
9A8B40

Deuteranopia
A9844F



Tritanopia
3F97A4

Trichromacy



Original Color
00A147



Protanomaly
629343



Deuteranomaly
6C8F4C



Tritanomaly
289B82

Monochromacy



Original Color
00A147



Achromatopsia
676767



Achromatomaly
427C5B

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A147 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 #00A147 looks like.

```
.text, #text, p{  
    color:#00A147  
}
```

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 #00A147 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A147
}
```

Border

The CSS property to change the border of an element to Hex 00A147 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
#00A147 }
```

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

```
.border{ border-color:#00A147 }
```

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

Here you see how a box with a 4 pixel #00A147 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A147; -webkit-box-shadow:4px 4px  
4px 4px #00A147; box-shadow:4px 4px 4px  
4px #00A147 }
```

Background

The CSS property to change the background color of an element to Hex 00A147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A147 }
```

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

```
.background{ background-color:#00A147 }
```

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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