

Converting Colors

Hex(00A144)

Have a look what the booklet for
Hex(00A144) contains.

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Color

Hex(00A144)

Conversions

Conversions Part 1

Format	Color
Hex	00A144
RGB	0, 161, 68
RGB Percent	0%, 63%, 27%
CMY	1.0000, 0.3686, 0.7333
CMYK	1.00, 0.00, 0.58, 0.37
HSL	145°, 100%, 32%
HSV	145°, 100%, 63%
XYZ	13.7883, 25.9071, 9.7427
YIQ	102.2590, -66.1030, -63.0550

Conversions

Conversions Part 2

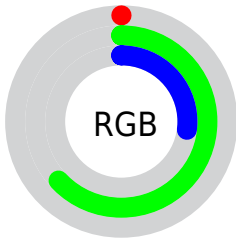
Format	Color
RYB	0, 113, 161
Decimal	41284
CIELab	57.95, -56.02, 38.04
CIELCh	58, 67.720, 145.822
Yxy	25.9071, 0.2789, 0.5240
Android (android.graphics.Color)	4278231364 (0xFF00A144)
YUV	102.2590, -16.8897, -89.6811
Hunter-Lab	50.8990, -40.7186, 24.2805

Details

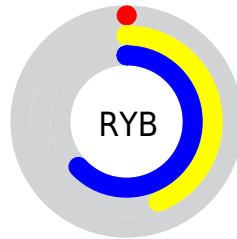
The Hex color **00A144** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **A1005D**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **59D977**, and **006C11** is the 20% darker color. If you saturate the color by 10%, you get **00A144**, and if you desaturate by 10%, it is **10A14D**.

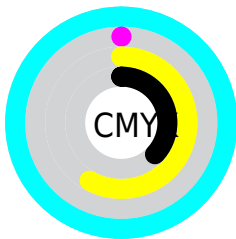
Distribution



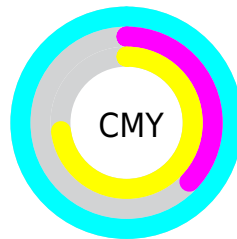
- Red (0%)
- Green (63%)
- Blue (27%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (58%)
- Black (37%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 00A144 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 00A144 by changing the saturation by 10% instead.

 00A144

 00A144

FFFFFF

 00862B

 59D977

 006C11

 78F691

 005200

 96FFAC

 003A00

 B3FFC8

 002300

 D1FFE4

 000000

 EFFFFFF

 00A144

 10A14D

 20A157

 30A160

 40A169

 51A172

 61A17C

 71A185

 81A18E

 91A198

Harmonies

Analogous

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



759700



00A144



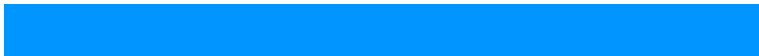
00A681

Triad

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



00A144



0095FF



F2545B

Complementary

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



00A144



A1005D

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.



EF4D96



00A144



787FF7

Square

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



00A144



00A1ED



CA63CF



D96D25

Rectangle

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



00A144



00A6AA



CA63CF



F44E6F

Sweetspot

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



00A144



92D1AD



5EA100



436953



E8E8E8



696969

Same Dimension

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



00A144



00D158



00A194



49524D



00913D



001208

Inverse Universe

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



A1005D



D10079



A1000D



52494E



910054



12000A

Previews

White Background



This preview shows how the Hex color 00A144 looks on a white background.

Color Contrast Check

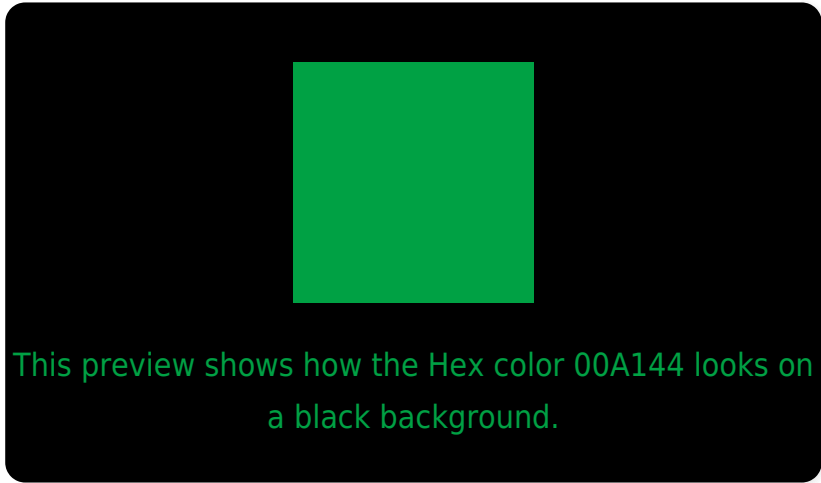
Large Text (above 18pt) WCAG AA ✓ Pass

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 00A144 Background



This preview shows how black text looks on a background with the Hex color 00A144.

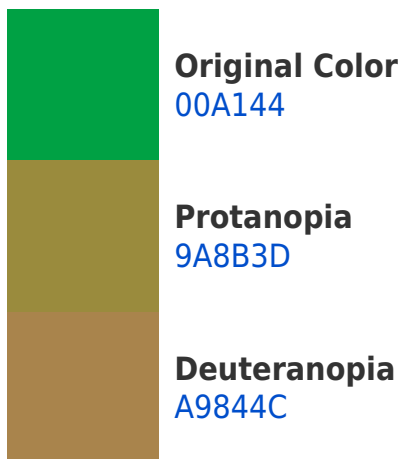


This preview shows how white text looks on a background with the Hex color 00A144.

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
4097A3

Trichromacy



Original Color

00A144



Protanomaly

629340



Deuteranomaly

6C8F49



Tritanomaly

299B80

Monochromacy



Original Color

00A144



Achromatopsia

666666



Achromatomaly

417B5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 00A144 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 #00A144 looks like.

```
.text, #text, p{  
    color:#00A144  
}
```

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 #00A144 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A144
}
```

Border

The CSS property to change the border of an element to Hex 00A144 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".

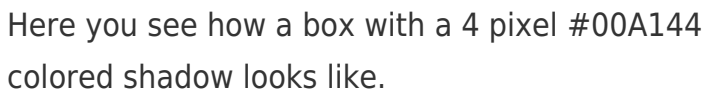
```
.border, #border, table{ border:4px solid
#00A144 }
```

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

```
.border{ border-color:#00A144 }
```

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

Here you see how a box with a 4 pixel #00A144 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A144; -webkit-box-shadow:4px 4px  
4px 4px #00A144; box-shadow:4px 4px 4px  
4px #00A144 }
```

Background

The CSS property to change the background color of an element to Hex 00A144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A144 }
```

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

```
.background{ background-color:#00A144 }
```

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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