

# Converting Colors

Hex(00A800)

Have a look what the booklet for  
Hex(00A800) contains.

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**Color**

**Hex(00A800)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	00A800
RGB	0, 168, 0
RGB Percent	0%, 66%, 0%
CMY	1.0000, 0.3412, 1.0000
CMYK	1.00, 0.00, 1.00, 0.34
HSL	120°, 100%, 33%
HSV	120°, 100%, 66%
XYZ	14.0026, 28.0053, 4.6675
YIQ	98.6160, -46.2000, -87.8640

# Conversions

## Conversions Part 2

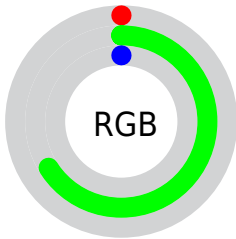
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 168, 168
Decimal	43008
CIELab	59.89, -63.05, 60.85
CIELCh	60, 87.629, 136.016
Yxy	28.0053, 0.3000, 0.6000
Android (android.graphics.Color)	4278233088 (0xFF00A800)
YUV	98.6160, -48.6177, -86.4862
Hunter-Lab	52.9200, -45.3789, 31.8146

# Details

The Hex color **00A800** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **A800A8**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **5FE149**, and **007200** is the 20% darker color. If you saturate the color by 10%, you get **00A800**, and if you desaturate by 10%, it is **11A811**.

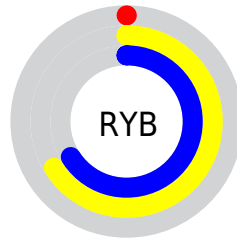
# Distribution



Red (0%)

Green (66%)

Blue (0%)



Red (0%)

Yellow (66%)

Blue (66%)

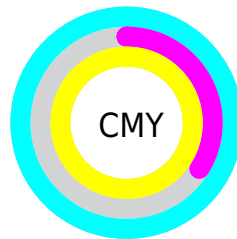


Cyan (100%)

Magenta (0%)

Yellow (100%)

Black (34%)



Cyan (100%)

Magenta (34%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00A800 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 00A800 by changing the saturation by 10% instead.



 00A800

 00A800

FFFFFF

 008D00

 5FE149

 007200

 7EFE65

 005800

 9CFF81

 003F00

 BBFF9C

 002800


 D9FFB9

 000000

 F8FFD5

 FFFFF3

 00A800

 11A811

 22A822

 32A832

 43A843

 54A854

 65A865

 76A876

 86A886

 97A897

# Harmonies

## Analogous

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



889A00



00A800



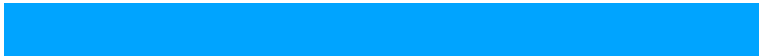
00AF68

# Triad

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



00A800



00A4FF



FF266B

# Complementary

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



00A800



A800A8

# 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.



FF30B8



00A800



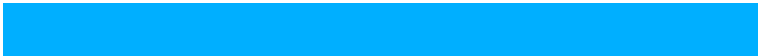
008CFF

# Square

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



00A800



00AFFF



C464FD



FE581D

# Rectangle

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



00A800



00B19E



C464FD



FF1C84



# Sweetspot

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



00A800



9ADB9A



A8A800



466E46



EDEDED



6E6E6E



# Same Dimension

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



00A800



00DB00



00A854



4C544C



009400



001400



# Inverse Universe

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



A800A8



DB00DB



A80054



544C54



940094

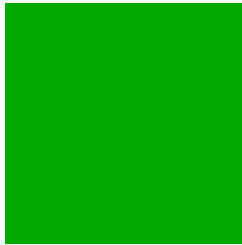


140014



# Previews

## White Background



This preview shows how the Hex color 00A800 looks on a white background.

## Color Contrast Check

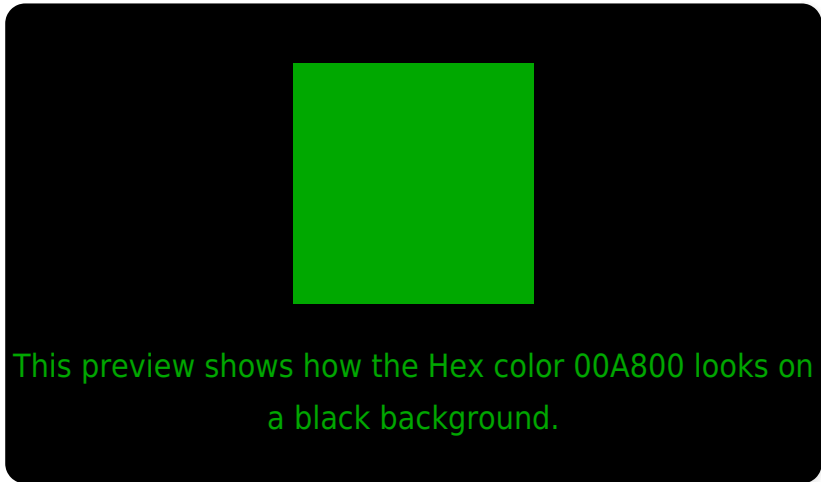
Large Text (above 18pt) WCAG AA ✓ Pass

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

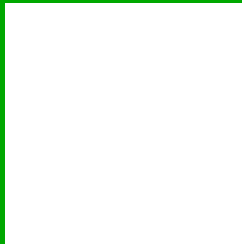
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 00A800 Background



This preview shows how black text looks on a background with the Hex color 00A800.

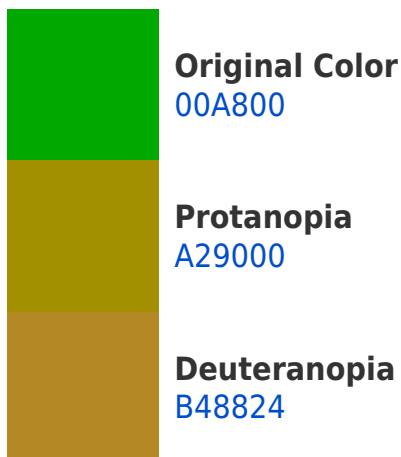


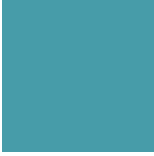
This preview shows how white text looks on a background with the Hex color 00A800.

# 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](#).

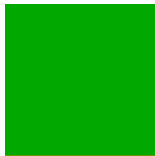
## Dichromacy





**Tritanopia**  
479CA9

# Trichromacy



**Original Color**

00A800



**Protanomaly**

679900



**Deuteranomaly**

739417



**Tritanomaly**

2DA06C

# Monochromacy



**Original Color**

00A800



**Achromatopsia**

636363



**Achromatomaly**

3F7C3F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00A800 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 #00A800 looks like.

```
.text, #text, p{  
    color:#00A800  
}
```

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 #00A800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00A800  
}
```

## Border

The CSS property to change the border of an element to Hex 00A800 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  
#00A800 }
```

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

```
.border{ border-color:#00A800 }
```

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

Here you see how a box with a 4 pixel #00A800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00A800; -webkit-box-shadow:4px 4px  
4px 4px #00A800; box-shadow:4px 4px 4px  
4px #00A800 }
```

# Background

The CSS property to change the background color of an element to Hex 00A800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00A800 }
```

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

```
.background{ background-color:#00A800 }
```

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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