

# Converting Colors

Hex(01AA4E)

Have a look what the booklet for  
Hex(01AA4E) contains.

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# Color

**Hex(01AA4E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	01AA4E
RGB	1, 170, 78
RGB Percent	0%, 67%, 31%
CMY	0.9961, 0.3333, 0.6941
CMYK	0.99, 0.00, 0.54, 0.33
HSL	147°, 99%, 34%
HSV	147°, 99%, 67%
XYZ	15.7624, 29.3060, 12.0336
YIQ	108.9810, -71.1920, -64.4400

# Conversions

## Conversions Part 2

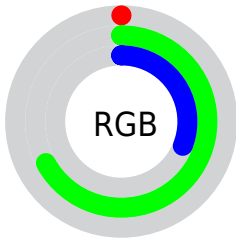
Format	Color
<a href="#">RYB</a>	<a href="#">1, 117, 170</a>
Decimal	<a href="#">109134</a>
CIELab	<a href="#">61.05, -57.41, 36.87</a>
CIELCh	<a href="#">61, 68.230, 147.293</a>
Yxy	<a href="#">29.3060, 0.2760, 0.5132</a>
Android (android.graphics.Color)	<a href="#">4278299214 (0xFF01AA4E)</a>
YUV	<a href="#">108.9810, -15.2736, -94.6993</a>
Hunter-Lab	<a href="#">54.1350, -42.7627, 24.7150</a>

# Details

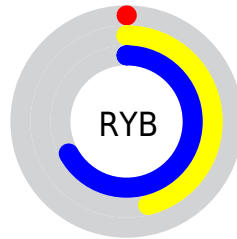
The Hex color **01AA4E** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **AA015D**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **5CE381**, and **00741D** is the 20% darker color. If you saturate the color by 10%, you get **00AA4D**, and if you desaturate by 10%, it is **12AA57**.

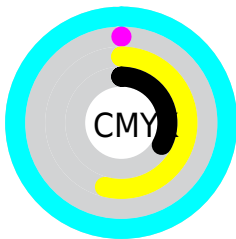
# Distribution



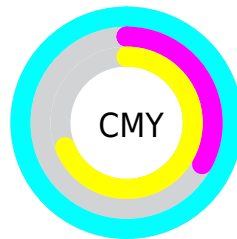
- Red (0%)
- Green (67%)
- Blue (31%)



- Red (0%)
- Yellow (46%)
- Blue (67%)



- Cyan (99%)
- Magenta (0%)
- Yellow (54%)
- Black (33%)



- Cyan (100%)
- Magenta (33%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 01AA4E 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 01AA4E by changing the saturation by 10% instead.



 01AA4E

 01AA4E

FFFFFF

 008F35

 5CE381

 00741D

 7BFF9C

 005A01

 99FFB7

 004100

 B7FFD3

 002B00

 D5FFF0

 000700

 F3FFFF

 000000

 01AA4E

 01AA4E

 00AA4D

 12AA57

 23AA61

 34AA6A

 45AA73

 56AA7C

 67AA86

 78AA8F

 89AA98

 9AAAA1

# Harmonies

## Analogous

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



7AA012



01AA4E



00AF8C

# Triad

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



01AA4E



009CFF



FC5D60

# Complementary

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



01AA4E



AA015D

# 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.



FA559B



01AA4E



8786FF

# Square

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



01AA4E



00A9F8



D669D5



E2762A

# Rectangle

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



01AA4E



00AFB5



D669D5



FF5773



# Sweetspot

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



01AA4E



9BDEBA



5EAA01



48705A



F0F0F0



707070



# Same Dimension

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



01AA4E



00DE65



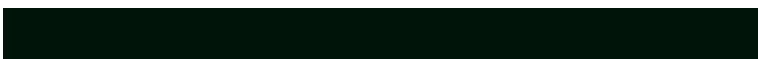
01AAA2



4C5450



009443



001409



# Inverse Universe

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



AA015D



DE0079



AA0109



544C50



940051



14000B



# Previews

## White Background



This preview shows how the Hex color 01AA4E looks on a white background.

## Color Contrast Check

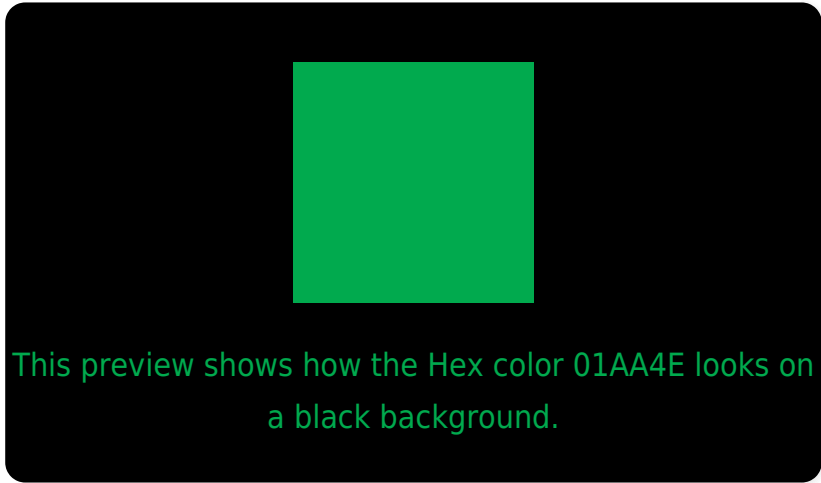
Large Text (above 18pt) WCAG AA ✓ Pass

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 01AA4E Background



This preview shows how black text looks on a background with the Hex color 01AA4E.



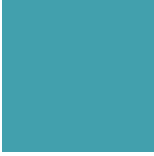
This preview shows how white text looks on a background with the Hex color 01AA4E.

# 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**  
42A0AD

# Trichromacy



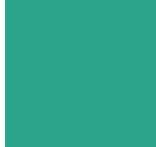
**Original Color**  
01AA4E



**Protanomaly**  
679B49



**Deuteranomaly**  
729753



**Tritanomaly**  
2AA48A

# Monochromacy



**Original Color**  
01AA4E



**Achromatopsia**  
6D6D6D



**Achromatomaly**  
468362

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 01AA4E 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 #01AA4E looks like.

```
.text, #text, p{  
    color:#01AA4E  
}
```

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 #01AA4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #01AA4E
}
```

## Border

The CSS property to change the border of an element to Hex 01AA4E 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
#01AA4E }
```

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

```
.border{ border-color:#01AA4E }
```

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

Here you see how a box with a 4 pixel #01AA4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #01AA4E; -webkit-box-shadow:4px 4px  
4px 4px #01AA4E; box-shadow:4px 4px 4px  
4px #01AA4E }
```

# Background

The CSS property to change the background color of an element to Hex 01AA4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#01AA4E }
```

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

```
.background{ background-color:#01AA4E }
```

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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