

# Converting Colors

Hex(01AB4D)

Have a look what the booklet for  
Hex(01AB4D) contains.

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**Color**

**Hex(01AB4D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	01AB4D
RGB	1, 171, 77
RGB Percent	0%, 67%, 30%
CMY	0.9961, 0.3294, 0.6980
CMYK	0.99, 0.00, 0.55, 0.33
HSL	147°, 99%, 34%
HSV	147°, 99%, 67%
XYZ	15.9150, 29.6681, 11.9089
YIQ	109.4540, -71.1460, -65.2740

# Conversions

## Conversions Part 2

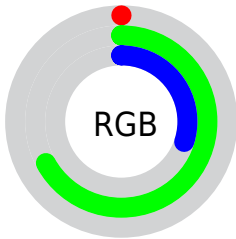
<b>Format</b>	<b>Color</b>
<b>RYB</b>	1, 118, 171
Decimal	109389
CIELab	61.37, -57.89, 37.74
CIElCh	61, 69.108, 146.895
Yxy	29.6681, 0.2768, 0.5160
Android (android.graphics.Color)	4278299469 (0xFF01AB4D)
YUV	109.4540, -15.9998, -95.1142
Hunter-Lab	54.4684, -43.1643, 25.1648

# Details

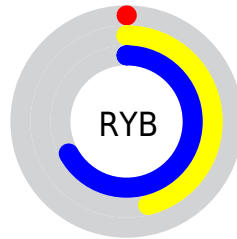
The Hex color **01AB4D** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **AB015F**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **5DE480**, and **00751B** is the 20% darker color. If you saturate the color by 10%, you get **00AB4C**, and if you desaturate by 10%, it is **12AB56**.

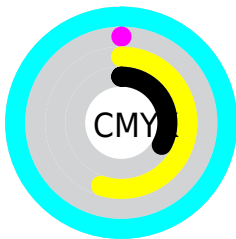
# Distribution



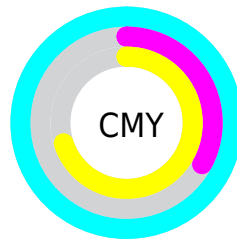
- Red (0%)
- Green (67%)
- Blue (30%)



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



- Cyan (99%)
- Magenta (0%)
- Yellow (55%)
- Black (33%)



- Cyan (100%)
- Magenta (33%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 01AB4D 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 01AB4D by changing the saturation by 10% instead.



 01AB4D

 01AB4D

FFFFFF

 009034

 5DE480

 00751B

 7BFF9B

 005B00

 99FFB6

 004200

 B7FFD2

 002B00

 D5FFE9

 000900

 F4FFFF

 000000

 01AB4D

 01AB4D

 00AB4C

 12AB56

 23AB60

 34AB69

 45AB73

 56AB7C

 68AB86

 79AB8F

 8AAB99

 9BABA2

# Harmonies

## Analogous

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



7BA10E



01AB4D



00B08C

# Triad

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



01AB4D



009DFF



FE5C61

# Complementary

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



01AB4D



AB015F

# 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.



FC559D



01AB4D



8587FF

# Square

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



01AB4D



00ABFA



D76AD8



E4762A

# Rectangle

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



01AB4D



00B0B6



D76AD8



FF5774



# Sweetspot

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



01AB4D



9BDEB9



61AB01



48705A



F0F0F0



707070



# Same Dimension

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



01AB4D



00DE63



01ABA0



4E5752



009643



00170A



# Inverse Universe

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



AB015F



DE007B



AB010C



574E53



960053



17000D



# Previews

## White Background



This preview shows how the Hex color 01AB4D looks on a white background.

## Color Contrast Check

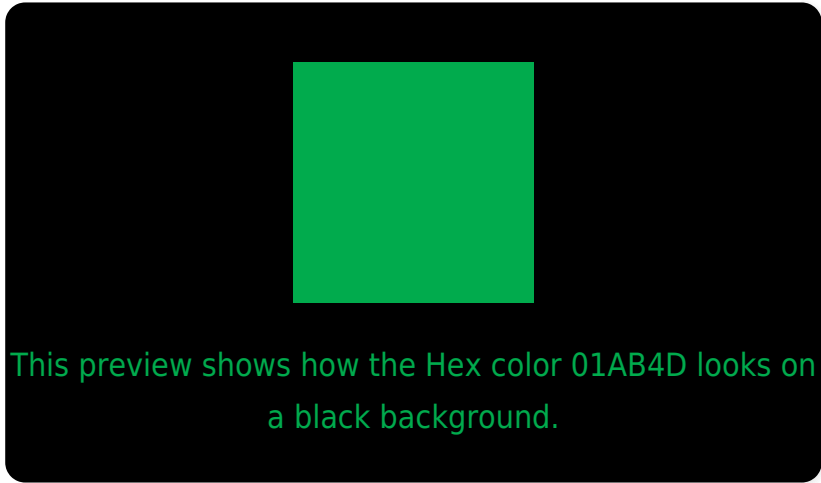
Large Text (above 18pt) WCAG AA ✓ Pass

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 01AB4D Background



This preview shows how black text looks on a background with the Hex color 01AB4D.



This preview shows how white text looks on a background with the Hex color 01AB4D.

# 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**  
01AB4D

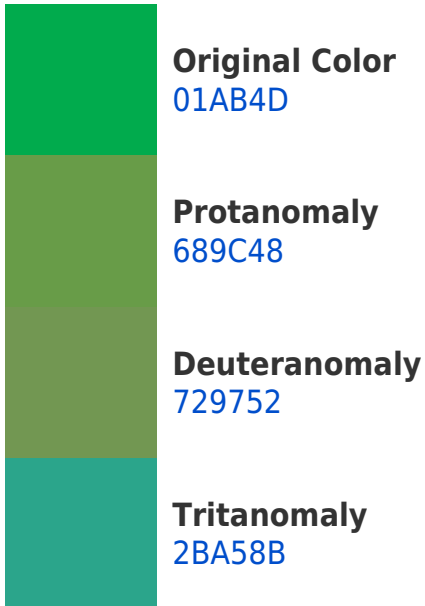
**Protanopia**  
A39345

**Deuteranopia**  
B38C55

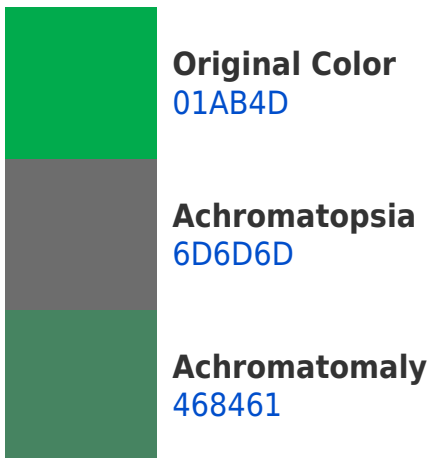


**Tritanopia**  
43A1AE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 01AB4D 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 #01AB4D looks like.

```
.text, #text, p{  
    color:#01AB4D  
}
```

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 #01AB4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #01AB4D
}
```

## Border

The CSS property to change the border of an element to Hex 01AB4D 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
#01AB4D }
```

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

```
.border{ border-color:#01AB4D }
```

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

Here you see how a box with a 4 pixel #01AB4D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #01AB4D; -webkit-box-shadow:4px 4px  
4px 4px #01AB4D; box-shadow:4px 4px 4px  
4px #01AB4D }
```

# Background

The CSS property to change the background color of an element to Hex 01AB4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#01AB4D }
```

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

```
.background{ background-color:#01AB4D }
```

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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