

# Converting Colors

Hex(03AC4D)

Have a look what the booklet for  
Hex(03AC4D) contains.

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**Color**

**Hex(03AC4D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	03AC4D
RGB	3, 172, 77
RGB Percent	1%, 67%, 30%
CMY	0.9882, 0.3255, 0.6980
CMYK	0.98, 0.00, 0.55, 0.33
HSL	146°, 97%, 34%
HSV	146°, 98%, 67%
XYZ	16.1296, 30.0602, 11.9733
YIQ	110.6390, -70.2290, -65.3730

# Conversions

## Conversions Part 2

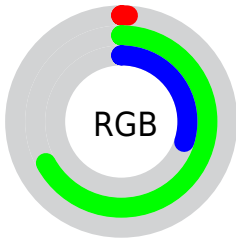
<b>Format</b>	<b>Color</b>
<b>RYB</b>	3, 121, 172
Decimal	240717
CIELab	61.71, -58.12, 38.16
CIElCh	62, 69.526, 146.713
Yxy	30.0602, 0.2773, 0.5168
Android (android.graphics.Color)	4278430797 (0xFF03AC4D)
YUV	110.6390, -16.5840, -94.3994
Hunter-Lab	54.8272, -43.4347, 25.4312

# Details

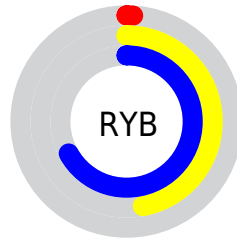
The Hex color **03AC4D** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **AC0362**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **5DE580**, and **00761B** is the 20% darker color. If you saturate the color by 10%, you get **00AC4B**, and if you desaturate by 10%, it is **14AC57**.

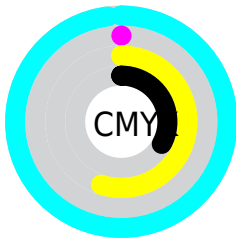
# Distribution



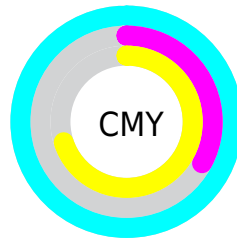
- Red (1%)
- Green (67%)
- Blue (30%)



- Red (1%)
- Yellow (47%)
- Blue (67%)



- Cyan (98%)
- Magenta (0%)
- Yellow (55%)
- Black (33%)



- Cyan (99%)
- Magenta (33%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 03AC4D 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 03AC4D by changing the saturation by 10% instead.



 03AC4D

 03AC4D

FFFFFF

 009134

 5DE580

 00761B

 7CFF9B

 005C00

 9AFFB6

 004300

 B8FFD2

 002C00

 D6FFE9

 000C00

 F5FFFF

 000000

 03AC4D

 03AC4D

 00AC4B

 14AC57

 25AC60

 37AC6A

 48AC74

 59AC7D

 6AAC87

 7BAC91

 8DAC9A

 9EACA4

# Harmonies

## Analogous

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



7CA20D



03AC4D



00B18C

# Triad

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



03AC4D



009FFF



FF5D62

# Complementary

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



03AC4D



AC0362

# 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.



FE559F



03AC4D



8588FF

# Square

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



03AC4D



00ACFC



D86ADA



E6772A

# Rectangle

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



03AC4D



00B1B7



D86ADA



FF5775



# Sweetspot

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



03AC4D



9FE0BC



63AC03



49705A



F0F0F0



707070



# Same Dimension

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



03AC4D



00E062



03ACA1



4E5752



009642



00170A



# Inverse Universe

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



AC0362



E0007E



AC030E



574E53



960055



17000D



# Previews

## White Background



This preview shows how the Hex color 03AC4D looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 03AC4D looks on a 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 ✓ Pass

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



## Hex 03AC4D Background



This preview shows how black text looks on a background with the Hex color 03AC4D.



This preview shows how white text looks on a background with the Hex color 03AC4D.

# 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**  
03AC4D

**Protanopia**  
A49445

**Deuteranopia**  
B48D55



**Tritanopia**  
43A2AF

# Trichromacy



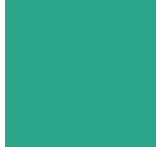
**Original Color**  
03AC4D



**Protanomaly**  
699D48



**Deuteranomaly**  
749852



**Tritanomaly**  
2CA68B

# Monochromacy



**Original Color**  
03AC4D



**Achromatopsia**  
6F6F6F



**Achromatomaly**  
488563

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 03AC4D 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 #03AC4D looks like.

```
.text, #text, p{  
  color:#03AC4D  
}
```

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 #03AC4D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #03AC4D
}
```

## Border

The CSS property to change the border of an element to Hex 03AC4D 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
#03AC4D }
```

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

```
.border{ border-color:#03AC4D }
```

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

Here you see how a box with a 4 pixel #03AC4D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #03AC4D; -webkit-box-shadow:4px 4px  
4px 4px #03AC4D; box-shadow:4px 4px 4px  
4px #03AC4D }
```

# Background

The CSS property to change the background color of an element to Hex 03AC4D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#03AC4D }
```

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

```
.background{ background-color:#03AC4D }
```

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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