

Converting Colors

Hex(03CE4E)

Have a look what the booklet for
Hex(03CE4E) contains.

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Color

Hex(03CE4E)

Conversions

Conversions Part 1

Format	Color
Hex	03CE4E
RGB	3, 206, 78
RGB Percent	1%, 81%, 31%
CMY	0.9882, 0.1922, 0.6941
CMYK	0.99, 0.00, 0.62, 0.19
HSL	142°, 97%, 41%
HSV	142°, 99%, 81%
XYZ	23.4840, 44.7120, 14.6003
YIQ	130.7110, -79.9000, -82.8440

Conversions

Conversions Part 2

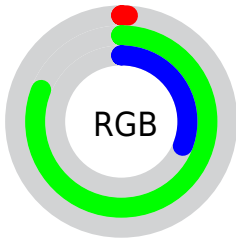
Format	Color
RYB	3, 151, 206
Decimal	249422
CIELab	72.70, -68.59, 50.57
CIELCh	73, 85.213, 143.600
Yxy	44.7120, 0.2836, 0.5400
Android (android.graphics.Color)	4278439502 (0xFF03CE4E)
YUV	130.7110, -25.9865, -112.0025
Hunter-Lab	66.8671, -54.3274, 33.8611

Details

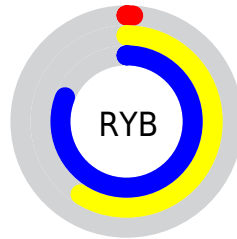
The Hex color **03CE4E** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **CE0383**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **68FF83**, and **009615** is the 20% darker color. If you saturate the color by 10%, you get **00CE4C**, and if you desaturate by 10%, it is **18CE5B**.

Distribution



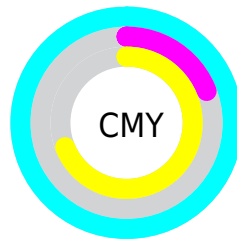
- Red (1%)
- Green (81%)
- Blue (31%)



- Red (1%)
- Yellow (59%)
- Blue (81%)



- Cyan (99%)
- Magenta (0%)
- Yellow (62%)
- Black (19%)



- Cyan (99%)
- Magenta (19%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 03CE4E 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 03CE4E by changing the saturation by 10% instead.

 03CE4E

 03CE4E

FFFFFF

 00B233

 68FF83

 009615

 88FF9F

 007B00

 A8FFBA

 006000

 C7FFD7

 004700

 E6FFF4

 002F00

 001100

 000000

 03CE4E

 03CE4E

 00CE4C

 18CE5B

 2CCE68

 41CE75

 55CE82

 6ACE8F

 7FCE9C

 93CEA9

 A8CEB6

 BCCEC3

Harmonies

Analogous

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



9AC000



03CE4E



00D49F

Triad

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



03CE4E



00C1FF



FF6579

Complementary

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



03CE4E



CE0383

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.



FF5EC7



03CE4E



8AA5FF

Square

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



03CE4E



00D0FF



FF7FFF



FF8830

Rectangle

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



03CE4E



00D6D5



FF7FFF



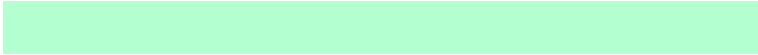
FF5D92

Sweetspot

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



03CE4E



B3FFCF



84CE03



528063



000000



808080

Same Dimension

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



03CE4E



00FF5E



03CEB3



5C6660



00A63D



00260E

Inverse Universe

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



CE0383



FF00A1



CE031E



665C62



A60069



260018

Previews

White Background



This preview shows how the Hex color 03CE4E looks on a white background.

Color Contrast Check

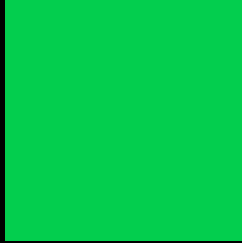
Large Text (above 18pt) WCAG AA × Fail

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 03CE4E 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 03CE4E Background



This preview shows how black text looks on a background with the Hex color 03CE4E.

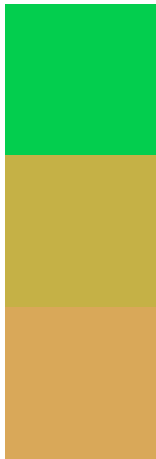


This preview shows how white text looks on a background with the Hex color 03CE4E.

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](#).

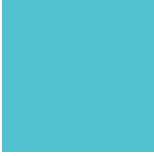
Dichromacy



Original Color
03CE4E

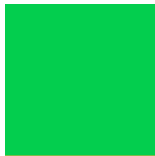
Protanopia
C5B146

Deuteranopia
D9A859



Tritanopia
52C1D1

Trichromacy



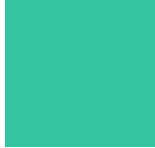
Original Color
03CE4E



Protanomaly
7EBC49



Deuteranomaly
8BB655



Tritanomaly
35C6A1

Monochromacy



Original Color
03CE4E



Achromatopsia
838383



Achromatomaly
549E70

CSS Examples

Text

The CSS property to change the color of the text to Hex 03CE4E 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 #03CE4E looks like.

```
.text, #text, p{  
    color:#03CE4E  
}
```

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 #03CE4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #03CE4E
}
```

Border

The CSS property to change the border of an element to Hex 03CE4E 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
#03CE4E }
```

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

```
.border{ border-color:#03CE4E }
```

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

Here you see how a box with a 4 pixel #03CE4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #03CE4E; -webkit-box-shadow:4px 4px  
4px 4px #03CE4E; box-shadow:4px 4px 4px  
4px #03CE4E }
```

Background

The CSS property to change the background color of an element to Hex 03CE4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#03CE4E }
```

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

```
.background{ background-color:#03CE4E }
```

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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