

Converting Colors

Hex(00EA4C)

Have a look what the booklet for
Hex(00EA4C) contains.

Hex(00EA4C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(00EA4C)

Conversions

Conversions Part 1

Format	Color
Hex	00EA4C
RGB	0, 234, 76
RGB Percent	0%, 92%, 30%
CMY	1.0000, 0.0824, 0.7020
CMYK	1.00, 0.00, 0.68, 0.08
HSL	139°, 100%, 46%
HSV	139°, 100%, 92%
XYZ	30.7273, 59.3674, 16.6770
YIQ	146.0220, -88.7460, -98.7460

Conversions

Conversions Part 2

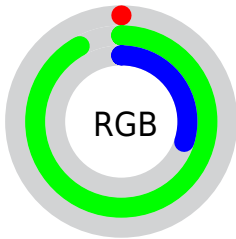
Format	Color
RYB	0, 177, 234
Decimal	59980
CIELab	81.49, -77.07, 61.08
CIELCh	81, 98.339, 141.600
Yxy	59.3674, 0.2878, 0.5560
Android (android.graphics.Color)	4278250060 (0xFF00EA4C)
YUV	146.0220, -34.5208, -128.0613
Hunter-Lab	77.0503, -63.6529, 41.1022

Details

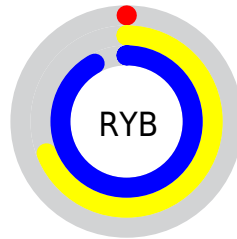
The Hex color **00EA4C** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **EA009E**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **70FF84**, and **00B004** is the 20% darker color. If you saturate the color by 10%, you get **00EA4C**, and if you desaturate by 10%, it is **17EA5C**.

Distribution



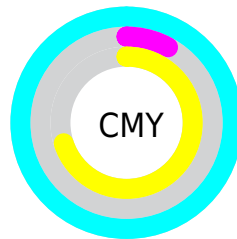
- Red (0%)
- Green (92%)
- Blue (30%)



- Red (0%)
- Yellow (69%)
- Blue (92%)



- Cyan (100%)
- Magenta (0%)
- Yellow (68%)
- Black (8%)



- Cyan (100%)
- Magenta (8%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00EA4C 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 00EA4C by changing the saturation by 10% instead.

 00EA4C

 00EA4C


FFFFFF

 00CD2F

 70FF84

 00B004

 92FFA0

 009500

 B2FFBC

 007900

 D2FFD9

 005F00

 F2FFF6

 004500

 002C00

 000A00

 000000

 00EA4C

 17EA5C

 2FEA6C

 46EA7B

 5EEA8B

 75EA9B

 8CEAAB

 A4EABB

 BBEACA

 D3EADA

Harmonies

Analogous

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



B3DA00



00EA4C



00F2AD

Triad

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



00EA4C



00DDFF



FF688D

Complementary

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



00EA4C



EA009E

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.



FF64E9



00EA4C



87BDFF

Square

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



00EA4C



00EEFF



FF8FFF



FF9434

Rectangle

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



00EA4C



00F4ED



FF8FFF



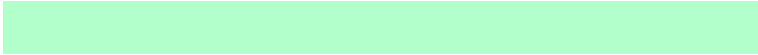
FF60AB

Sweetspot

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



00EA4C



B3FFCB



A0EA00



528061



000000



808080

Same Dimension

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



00EA4C



00FF53



00EABF



6A756D



00B53B



003611

Inverse Universe

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



EA009E



FF00AC



EA002B



756A71



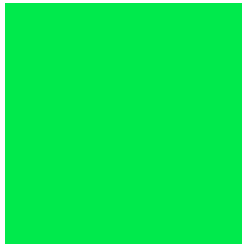
B5007A



360024

Previews

White Background



This preview shows how the Hex color 00EA4C 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 00EA4C 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

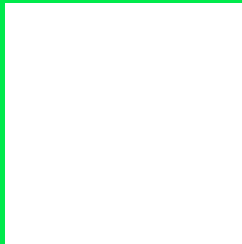
Any Text WCAG AAA ✓ Pass

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

Hex 00EA4C Background



This preview shows how black text looks on a background with the Hex color 00EA4C.

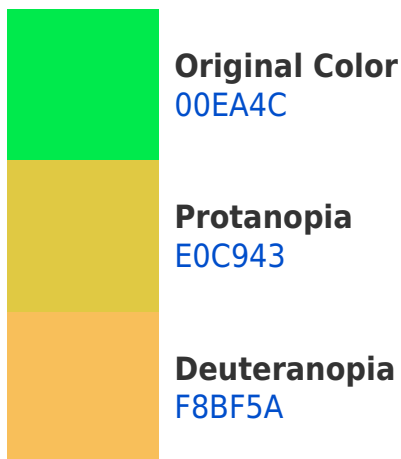


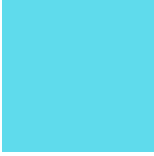
This preview shows how white text looks on a background with the Hex color 00EA4C.

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
5FDBEC

Trichromacy



Original Color
00EA4C



Protanomaly
8FD546



Deuteranomaly
9ECF55



Tritanomaly
3CE0B2

Monochromacy



Original Color
00EA4C



Achromatopsia
929292



Achromatomaly
5DB279

CSS Examples

Text

The CSS property to change the color of the text to Hex 00EA4C 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 #00EA4C looks like.

```
.text, #text, p{  
    color:#00EA4C  
}
```

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 #00EA4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00EA4C
}
```

Border

The CSS property to change the border of an element to Hex 00EA4C 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
#00EA4C }
```

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

```
.border{ border-color:#00EA4C }
```

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

Here you see how a box with a 4 pixel #00EA4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00EA4C; -webkit-box-shadow:4px 4px  
4px 4px #00EA4C; box-shadow:4px 4px 4px  
4px #00EA4C }
```

Background

The CSS property to change the background color of an element to Hex 00EA4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00EA4C }
```

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

```
.background{ background-color:#00EA4C }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor