

Converting Colors

Hex(00E048)

Have a look what the booklet for
Hex(00E048) contains.

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Color

Hex(00E048)

Conversions

Conversions Part 1

Format	Color
Hex	00E048
RGB	0, 224, 72
RGB Percent	0%, 88%, 28%
CMY	1.0000, 0.1216, 0.7176
CMYK	1.00, 0.00, 0.68, 0.12
HSL	139°, 100%, 44%
HSV	139°, 100%, 88%
XYZ	27.8254, 53.7792, 15.0448
YIQ	139.6960, -84.7120, -94.7600

Conversions

Conversions Part 2

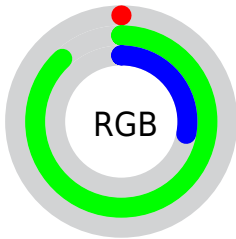
Format	Color
RYB	0, 170, 224
Decimal	57416
CIELab	78.33, -74.61, 59.25
CIELCh	78, 95.270, 141.547
Yxy	53.7792, 0.2879, 0.5564
Android (android.graphics.Color)	4278247496 (0xFF00E048)
YUV	139.6960, -33.3741, -122.5134
Hunter-Lab	73.3343, -60.6065, 39.1705

Details

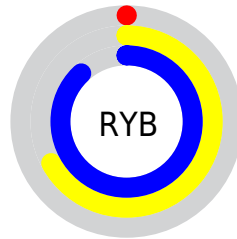
The Hex color **00E048** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **E00098**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **6DFF7F**, and **00A700** is the 20% darker color. If you saturate the color by 10%, you get **00E048**, and if you desaturate by 10%, it is **16E057**.

Distribution



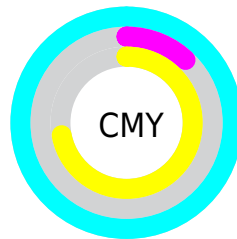
- Red (0%)
- Green (88%)
- Blue (28%)



- Red (0%)
- Yellow (67%)
- Blue (88%)



- Cyan (100%)
- Magenta (0%)
- Yellow (68%)
- Black (12%)



- Cyan (100%)
- Magenta (12%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00E048 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 00E048 by changing the saturation by 10% instead.

 00E048

 00E048

FFFFFF

 00C32B

 6DFF7F

 00A700

 8FFF9B

 008B00

 AFFFB7

 007000

 CFFFD4

 005600

 EEEFF1

 003E00

 002400

 000000

 00E048

 16E057

 2DE066

 43E076

 5AE085

 70E094

 86E0A3

 9DE0B2

 B3E0C2

 CAE0D1

Harmonies

Analogous

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



ACD000



00E048



00E7A5

Triad

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



00E048



00D4FF



FF6387

Complementary

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



00E048



E00098

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.



FF5FDF



00E048



81B5FF

Square

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



00E048



00E4FF



FF89FF



FF8D31

Rectangle

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



00E048



00E9E3



FF89FF



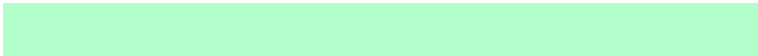
FF5BA4

Sweetspot

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



00E048



B3FFCB



99E000



528060



000000



808080

Same Dimension

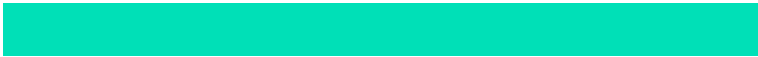
The Same Dimension uses a secret algorithm to generate beautiful new colors.



00E048



00FF52



00E0B7



657069



00B039



003010

Inverse Universe

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



E00098



FF00AD



E00029



70656D



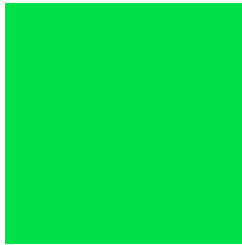
B00077



300021

Previews

White Background



This preview shows how the Hex color 00E048 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 00E048 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 00E048 Background



This preview shows how black text looks on a background with the Hex color 00E048.

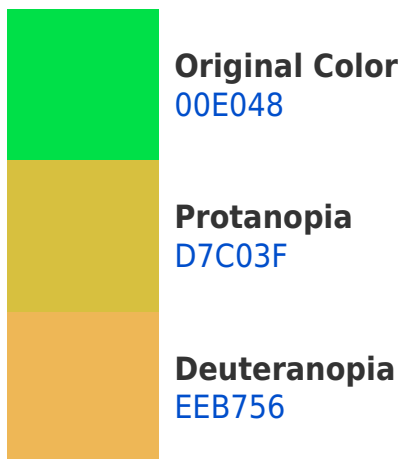


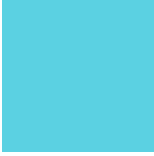
This preview shows how white text looks on a background with the Hex color 00E048.

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
5BD1E2

Trichromacy



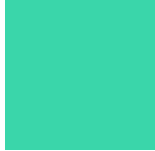
Original Color
00E048



Protanomaly
89CC42



Deuteranomaly
97C651



Tritanomaly
3AD6AA

Monochromacy



Original Color
00E048



Achromatopsia
8C8C8C



Achromatomaly
59AB73

CSS Examples

Text

The CSS property to change the color of the text to Hex 00E048 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 #00E048 looks like.

```
.text, #text, p{  
    color:#00E048  
}
```

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 #00E048 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00E048
}
```

Border

The CSS property to change the border of an element to Hex 00E048 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
#00E048 }
```

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

```
.border{ border-color:#00E048 }
```

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

Here you see how a box with a 4 pixel #00E048 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00E048; -webkit-box-shadow:4px 4px  
4px 4px #00E048; box-shadow:4px 4px 4px  
4px #00E048 }
```

Background

The CSS property to change the background color of an element to Hex 00E048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00E048 }
```

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

```
.background{ background-color:#00E048 }
```

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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