

Converting Colors

Hex(00E050)

Have a look what the booklet for
Hex(00E050) contains.

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Color

Hex(00E050)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 00E050 |
| RGB | 0, 224, 80 |
| RGB Percent | 0%, 88%, 31% |
| CMY | 1.0000, 0.1216, 0.6863 |
| CMYK | 1.00, 0.00, 0.64, 0.12 |
| HSL | 141°, 100%, 44% |
| HSV | 141°, 100%, 88% |
| XYZ | 28.1036, 53.8905, 16.5101 |
| YIQ | 140.6080, -87.2800, -92.2720 |

Conversions

Conversions Part 2

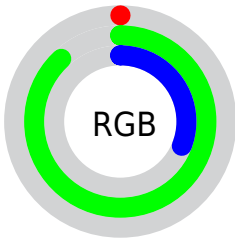
| Format | Color |
|-------------------------------------|----------------------------------|
| RYB | 0, 165, 224 |
| Decimal | 57424 |
| CIELab | 78.40, -73.78, 56.11 |
| CIELCh | 78, 92.693, 142.751 |
| Yxy | 53.8905, 0.2853, 0.5471 |
| Android (android.graphics.Color) | 4278247504 (0xFF00E050) |
| YUV | 140.6080, -29.8797, -123.3132 |
| Hunter-Lab | 73.4101, -60.1326, 38.0526 |

Details

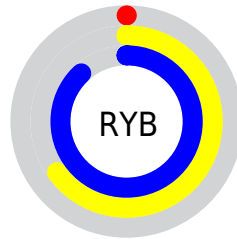
The Hex color **00E050** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **E00090**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **6DFF86**, and **00A713** is the 20% darker color. If you saturate the color by 10%, you get **00E050**, and if you desaturate by 10%, it is **16E05E**.

Distribution



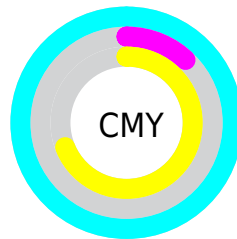
- Red (0%)
- Green (88%)
- Blue (31%)



- Red (0%)
- Yellow (65%)
- Blue (88%)



- Cyan (100%)
- Magenta (0%)
- Yellow (64%)
- Black (12%)



- Cyan (100%)
- Magenta (12%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00E050 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 00E050 by changing the saturation by 10% instead.

 00E050

 00E050

FFFFFF

 00C334

 6DFF86

 00A713

 8EFFA2

 008B00

 AEFFBE

 007000

 CEFFDB

 005600

 EEEFF8

 003E00

 002400

 000000

 00E050

 16E05E

 2DE06D

 43E07B

 5AE08A

 70E098

 86E0A6

 9DE0B5

 B3E0C3

 CAE0D2

Harmonies

Analogous

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



A9D100



00E050



00E7A9

Triad

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



00E050



00D3FF



FF6A85

Complementary

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



00E050



E00090

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.



FF64DB



00E050



8EB4FF

Square

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



00E050



00E3FF



FF89FF



FF9133

Rectangle

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



00E050



00E9E6



FF89FF



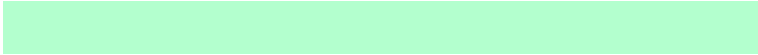
FF62A1

Sweetspot

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



00E050



B3FFCE



92E000



528062



000000



808080

Same Dimension

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



00E050



00FF5B



00E0BE



657069



00B03F



003011

Inverse Universe

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



E00090



FF00A4



E00022



70656C



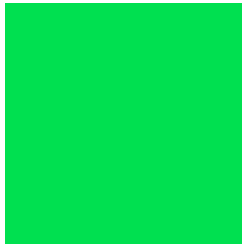
B00071



30001F

Previews

White Background



This preview shows how the Hex color 00E050 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 00E050 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 00E050 Background



This preview shows how black text looks on a background with the Hex color 00E050.

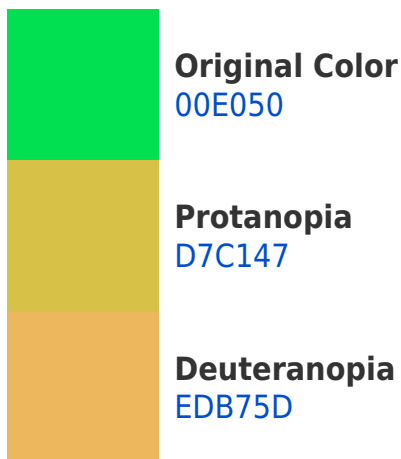


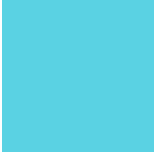
This preview shows how white text looks on a background with the Hex color 00E050.

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](#).

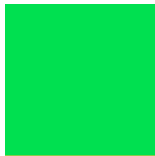
Dichromacy





Tritanopia
5AD2E3

Trichromacy



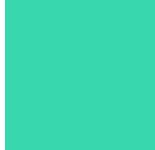
Original Color
00E050



Protanomaly
89CC4A



Deuteranomaly
97C658



Tritanomaly
39D7AE

Monochromacy



Original Color
00E050



Achromatopsia
8D8D8D



Achromatomaly
5AAB77

CSS Examples

Text

The CSS property to change the color of the text to Hex 00E050 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 #00E050 looks like.

```
.text, #text, p{  
    color:#00E050  
}
```

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 #00E050 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00E050
}
```

Border

The CSS property to change the border of an element to Hex 00E050 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
#00E050 }
```

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

```
.border{ border-color:#00E050 }
```

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

Here you see how a box with a 4 pixel #00E050 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00E050; -webkit-box-shadow:4px 4px  
4px 4px #00E050; box-shadow:4px 4px 4px  
4px #00E050 }
```

Background

The CSS property to change the background color of an element to Hex 00E050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00E050 }
```

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

```
.background{ background-color:#00E050 }
```

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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