

Converting Colors

Hex(00E800)

Have a look what the booklet for
Hex(00E800) contains.

Hex(00E800)	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(00E800)

Conversions

Conversions Part 1

Format	Color
Hex	00E800
RGB	0, 232, 0
RGB Percent	0%, 91%, 0%
CMY	1.0000, 0.0902, 1.0000
CMYK	1.00, 0.00, 1.00, 0.09
HSL	120°, 100%, 45%
HSV	120°, 100%, 91%
XYZ	28.8566, 57.7132, 9.6189
YIQ	136.1840, -63.8000, -121.3360

Conversions

Conversions Part 2

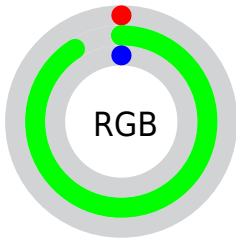
Format	Color
RYB	0, 232, 232
Decimal	59392
CIELab	80.58, -80.24, 77.44
CIELCh	81, 111.514, 136.016
Yxy	57.7132, 0.3000, 0.6000
Android (android.graphics.Color)	4278249472 (0xFF00E800)
YUV	136.1840, -67.1387, -119.4334
Hunter-Lab	75.9692, -65.1436, 45.6714

Details

The Hex color **00E800** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **E800E8**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **72FF57**, and **00AE00** is the 20% darker color. If you saturate the color by 10%, you get **00E800**, and if you desaturate by 10%, it is **17E817**.

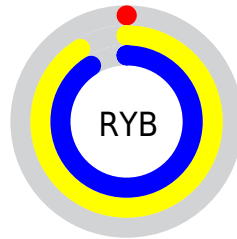
Distribution



Red (0%)

Green (91%)

Blue (0%)



Red (0%)

Yellow (91%)

Blue (91%)

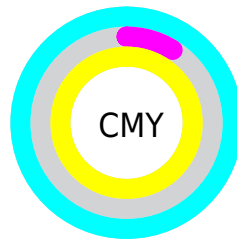


Cyan (100%)

Magenta (0%)

Yellow (100%)

Black (9%)



Cyan (100%)

Magenta (9%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00E800 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 00E800 by changing the saturation by 10% instead.

 00E800

 00E800

FFFFFF

 00CB00

 72FF57

 00AE00

 94FF75

 009300

 B5FF93

 007700

 D5FFB0

 005D00

 F5FFCE

 004300

 FFFFEB

 002900

 000400

 000000

 00E800

 17E817

 2EE82E

 46E846

 5DE85D

 74E874

 8BE88B

 A2E8A2

 BAE8BA

 D1E8D1

Harmonies

Analogous

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



BDD400



00E800



00F192

Triad

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



00E800



00E3FF



FF3896

Complementary

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



00E800



E800E8

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.



FF46FD



00E800



00C2FF

Square

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



00E800



00F1FF



FF8CFF



FF7B2C

Rectangle

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



00E800



00F4DB



FF8CFF



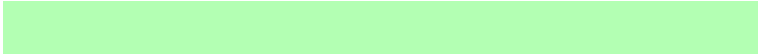
FF2BB8

Sweetspot

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



00E800



B3FFB3



E8E800



528052



000000



808080

Same Dimension

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



00E800



00FF00



00E874



677367



00B300



003300

Inverse Universe

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



E800E8



FF00FF



E80074



736773



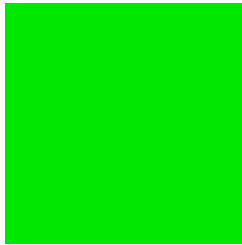
B300B3



330033

Previews

White Background



This preview shows how the Hex color 00E800 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 00E800 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

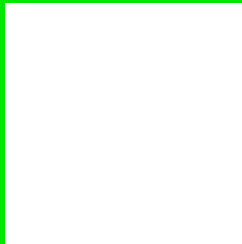
Any Text WCAG AAA ✓ Pass

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

Hex 00E800 Background



This preview shows how black text looks on a background with the Hex color 00E800.

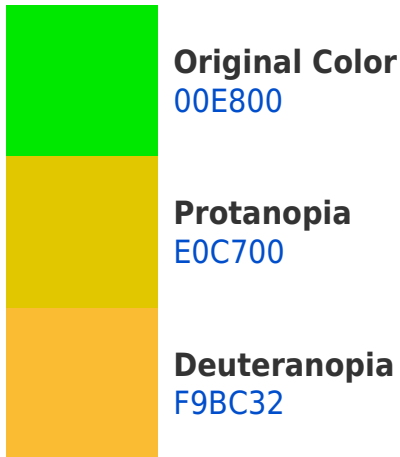


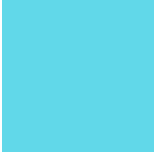
This preview shows how white text looks on a background with the Hex color 00E800.

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](#).

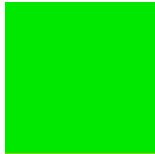
Dichromacy





Tritanopia
61D8E9

Trichromacy



Original Color
00E800



Protanomaly
8FD300

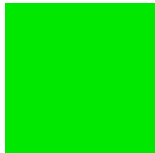


Deuteranomaly
9ECC20



Tritanomaly
3EDE94

Monochromacy



Original Color
00E800



Achromatopsia
888888



Achromatomaly
57AB57

CSS Examples

Text

The CSS property to change the color of the text to Hex 00E800 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 #00E800 looks like.

```
.text, #text, p{  
    color:#00E800  
}
```

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 #00E800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00E800
}
```

Border

The CSS property to change the border of an element to Hex 00E800 is called "border". The border property can be set on classes, ids or directly on the HTML element.

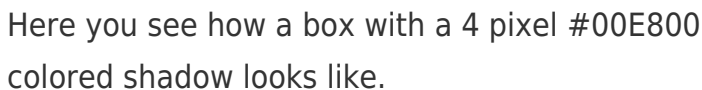
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00E800 }
```

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

```
.border{ border-color:#00E800 }
```

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



Here you see how a box with a 4 pixel #00E800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00E800; -webkit-box-shadow:4px 4px  
4px 4px #00E800; box-shadow:4px 4px 4px  
4px #00E800 }
```

Background

The CSS property to change the background color of an element to Hex 00E800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00E800 }
```

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

```
.background{ background-color:#00E800 }
```

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