

Converting Colors

Hex(00E000)

Have a look what the booklet for
Hex(00E000) contains.

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Color

Hex(00E000)

Conversions

Conversions Part 1

Format	Color
Hex	00E000
RGB	0, 224, 0
RGB Percent	0%, 88%, 0%
CMY	1.0000, 0.1216, 1.0000
CMYK	1.00, 0.00, 1.00, 0.12
HSL	120°, 100%, 44%
HSV	120°, 100%, 88%
XYZ	26.6557, 53.3113, 8.8852
YIQ	131.4880, -61.6000, -117.1520

Conversions

Conversions Part 2

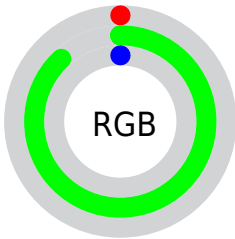
Format	Color
RYB	0, 224, 224
Decimal	57344
CIELab	78.06, -78.14, 75.42
CIELCh	78, 108.603, 136.016
Yxy	53.3113, 0.3000, 0.6000
Android (android.graphics.Color)	4278247424 (0xFF00E000)
YUV	131.4880, -64.8236, -115.3150
Hunter-Lab	73.0146, -62.6100, 43.8952

Details

The Hex color **00E000** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **E000E0**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **6FFF56**, and **00A700** is the 20% darker color. If you saturate the color by 10%, you get **00E000**, and if you desaturate by 10%, it is **16E016**.

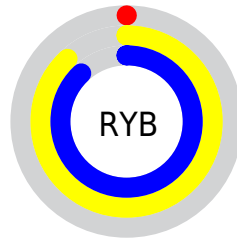
Distribution



Red (0%)

Green (88%)

Blue (0%)



Red (0%)

Yellow (88%)

Blue (88%)

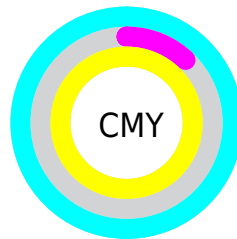


Cyan (100%)

Magenta (0%)

Yellow (100%)

Black (12%)



Cyan (100%)

Magenta (12%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00E000 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 00E000 by changing the saturation by 10% instead.

 00E000

 00E000

FFFFFF

 00C300

 6FFF56

 00A700

 91FF73

 008B00

 B2FF91

 007000

 D2FFAE

 005600

 F2FFCB

 003E00

 FFFFE9

 002300

 000000

 00E000

 16E016

 2DE02D

 43E043

 5AE05A

 70E070

 86E086

 9DE09D

 B3E0B3

 CAE0CA

Harmonies

Analogous

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



B7CD00



00E000



00E98C

Triad

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



00E000



00DBFF



FF3690

Complementary

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



00E000



E000E0

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.



FF43F5



00E000



00BBFF

Square

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



00E000



00E9FF



FF87FF



FF772B

Rectangle

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



00E000



00ECD3



FF87FF



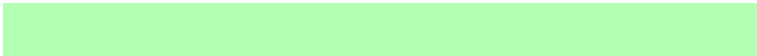
FF29B1

Sweetspot

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



00E000



B3FFB3



E0E000



528052



000000



808080

Same Dimension

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



00E000



00FF00



00E070



657065



00B000



003000

Inverse Universe

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



E000E0



FF00FF



E00070



706570



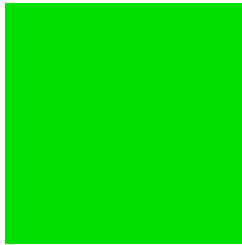
B000B0



300030

Previews

White Background



This preview shows how the Hex color 00E000 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 00E000 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 00E000 Background



This preview shows how black text looks on a background with the Hex color 00E000.

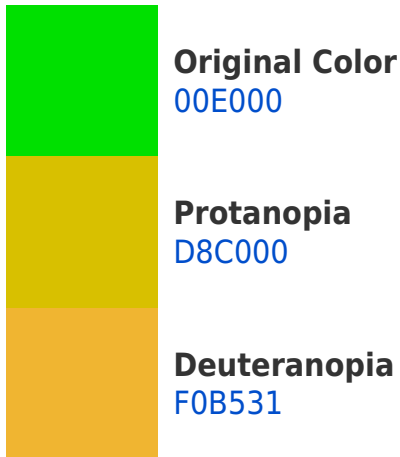


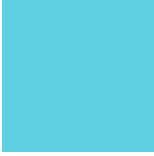
This preview shows how white text looks on a background with the Hex color 00E000.

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](#).

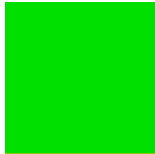
Dichromacy





Tritanopia
5ED0E1

Trichromacy



Original Color
00E000



Protanomaly
89CC00

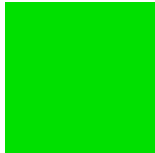


Deuteranomaly
99C51F



Tritanomaly
3CD68F

Monochromacy



Original Color
00E000



Achromatopsia
838383



Achromatomaly
53A553

CSS Examples

Text

The CSS property to change the color of the text to Hex 00E000 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 #00E000 looks like.

```
.text, #text, p{  
    color:#00E000  
}
```

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 #00E000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00E000
}
```

Border

The CSS property to change the border of an element to Hex 00E000 is called "border". The border property can be set on classes, ids or directly on the HTML element.

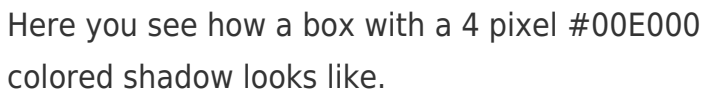
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00E000 }
```

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

```
.border{ border-color:#00E000 }
```

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



Here you see how a box with a 4 pixel #00E000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00E000; -webkit-box-shadow:4px 4px  
4px 4px #00E000; box-shadow:4px 4px 4px  
4px #00E000 }
```

Background

The CSS property to change the background color of an element to Hex 00E000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00E000 }
```

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

```
.background{ background-color:#00E000 }
```

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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