

# Converting Colors

Hex(00E420)

Have a look what the booklet for  
Hex(00E420) contains.

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**Color**

**Hex(00E420)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00E420
RGB	0, 228, 32
RGB Percent	0%, 89%, 13%
CMY	1.0000, 0.1059, 0.8745
CMYK	1.00, 0.00, 0.86, 0.11
HSL	128°, 100%, 45%
HSV	128°, 100%, 89%
XYZ	28.0041, 55.5911, 10.6207
YIQ	137.4840, -72.9720, -109.2920

# Conversions

## Conversions Part 2

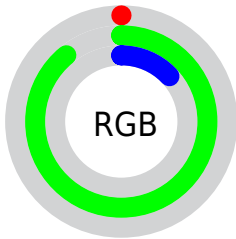
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 200, 228
Decimal	58400
CIELab	79.38, -78.41, 72.38
CIELCh	79, 106.716, 137.290
Yxy	55.5911, 0.2972, 0.5900
Android (android.graphics.Color)	4278248480 (0xFF00E420)
YUV	137.4840, -52.0036, -120.5735
Hunter-Lab	74.5594, -63.4354, 43.7460

# Details

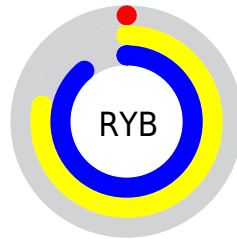
The Hex color **00E420** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **E400C4**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **70FF62**, and **00AB00** is the 20% darker color. If you saturate the color by 10%, you get **00E420**, and if you desaturate by 10%, it is **17E434**.

# Distribution



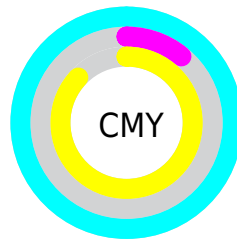
- Red (0%)
- Green (89%)
- Blue (13%)



- Red (0%)
- Yellow (78%)
- Blue (89%)



- Cyan (100%)
- Magenta (0%)
- Yellow (86%)
- Black (11%)



- Cyan (100%)
- Magenta (11%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00E420 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 00E420 by changing the saturation by 10% instead.



 00E420

 00E420

FFFFFF

 00C700

 70FF62

 00AB00

 92FF7F

 008F00

 B3FF9C

 007400

 D3FFB9

 005900

 F3FFD6

 004000

 FFFFF4

 002600

 000000

 00E420

 17E434

 2EE447

 44E45B

 5BE46E

 72E482

 89E496

 A0E4A9

 B6E4BD

 CDE4D0

# Harmonies

## Analogous

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



B7D200



00E420



00ED95

# Triad

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



00E420



00DDFF



FF4690

# Complementary

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



00E420



E400C4

# 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.



FF4CF3



00E420



0ABDFF

# Square

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



00E420



00ECFF



FF8AFF



FF7F2D

# Rectangle

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



00E420



00EFDB



FF8AFF



FF3BB1

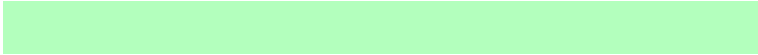


# Sweetspot

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



00E420



B3FFBD



C6E400



528058



000000



808080



# Same Dimension

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



00E420



00FF24



00E490



677369



00B319



003307



# Inverse Universe

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



E400C4



FF00DB



E40054



736771



B30099

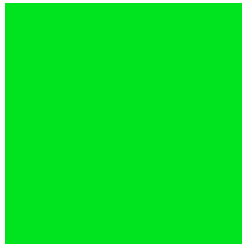


33002C



# Previews

## White Background



This preview shows how the Hex color 00E420 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 00E420 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

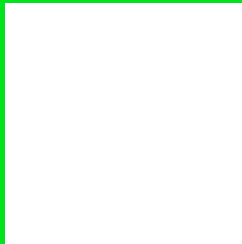
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 00E420 Background



This preview shows how black text looks on a background with the Hex color 00E420.



This preview shows how white text looks on a background with the Hex color 00E420.

# 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](#).

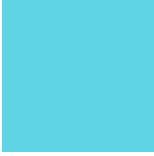
## Dichromacy



**Original Color**  
00E420

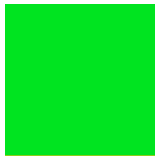
**Protanopia**  
DCC316

**Deuteranopia**  
F4B93A



**Tritanopia**  
5FD4E5

# Trichromacy



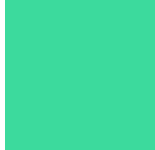
**Original Color**  
00E420



**Protanomaly**  
8CCF1A



**Deuteranomaly**  
9BC931



**Tritanomaly**  
3CDA9D

# Monochromacy



**Original Color**  
00E420



**Achromatopsia**  
898989



**Achromatomaly**  
57AA63

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00E420 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 #00E420 looks like.

```
.text, #text, p{  
    color:#00E420  
}
```

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 #00E420 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00E420
}
```

## Border

The CSS property to change the border of an element to Hex 00E420 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
#00E420 }
```

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

```
.border{ border-color:#00E420 }
```

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

Here you see how a box with a 4 pixel #00E420 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00E420; -webkit-box-shadow:4px 4px  
4px 4px #00E420; box-shadow:4px 4px 4px  
4px #00E420 }
```

# Background

The CSS property to change the background color of an element to Hex 00E420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00E420 }
```

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

```
.background{ background-color:#00E420 }
```

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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