

# Converting Colors

Hex(00E927)

Have a look what the booklet for  
Hex(00E927) contains.

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**Color**

**Hex(00E927)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00E927
RGB	0, 233, 39
RGB Percent	0%, 91%, 15%
CMY	1.0000, 0.0863, 0.8471
CMYK	1.00, 0.00, 0.83, 0.09
HSL	130°, 100%, 46%
HSV	130°, 100%, 91%
XYZ	29.5051, 58.4243, 11.6414
YIQ	141.2170, -76.5940, -109.7300

# Conversions

## Conversions Part 2

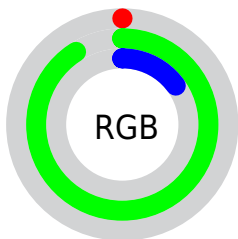
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 200, 233
Decimal	59687
CIELab	80.97, -79.44, 72.27
CIELCh	81, 107.398, 137.706
Yxy	58.4243, 0.2963, 0.5868
Android (android.graphics.Color)	4278249767 (0xFF00E927)
YUV	141.2170, -50.3930, -123.8473
Hunter-Lab	76.4358, -64.8595, 44.4750

# Details

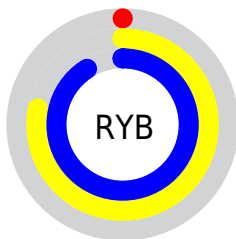
The Hex color **00E927** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **E900C2**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **71FF67**, and **00AF00** is the 20% darker color. If you saturate the color by 10%, you get **00E927**, and if you desaturate by 10%, it is **17E93A**.

# Distribution



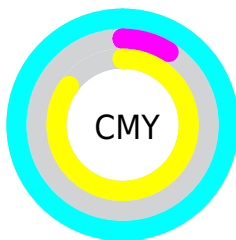
- Red (0%)
- Green (91%)
- Blue (15%)



- Red (0%)
- Yellow (78%)
- Blue (91%)



- Cyan (100%)
- Magenta (0%)
- Yellow (83%)
- Black (9%)



- Cyan (100%)
- Magenta (9%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00E927 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 00E927 by changing the saturation by 10% instead.



 00E927

FFFFFF

 71FF67

 93FF84

 B4FFA0

 D4FFBE


 F4FFDB

 FFFFF9

 00E927

 00CC00

 00AF00

 009400

 007800

 005E00

 004400

 002A00

 000700

 000000

 00E927

 17E93A

 2FE94E

 46E961

 5DE975

 75E988

 8CE99B

 A3E9AF

 BAE9C2

 D2E9D6

# Harmonies

## Analogous

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



BAD600



00E927



00F29B

# Triad

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



00E927



00E1FF



FF4C93

# Complementary

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



00E927



E900C2

# 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.



FF50F7



00E927



2FC1FF

# Square

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



00E927



00F1FF



FF8DFF



FF842F

# Rectangle

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



00E927



00F4E1



FF8DFF



FF41B4

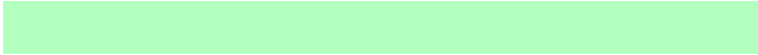


# Sweetspot

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



00E927



B3FFBF



C2E900



528059



000000



808080



# Same Dimension

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



00E927



00FF2B



00E99B



6A756C



00B51E



003609



# Inverse Universe

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



E900C2



FF00D4



E9004E



756A73



B50097

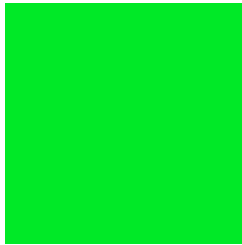


36002D



# Previews

## White Background



This preview shows how the Hex color 00E927 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 00E927 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 00E927 Background



This preview shows how black text looks on a background with the Hex color 00E927.

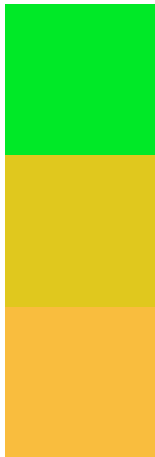


This preview shows how white text looks on a background with the Hex color 00E927.

# 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](#).

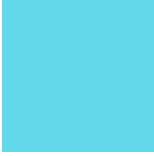
## Dichromacy



**Original Color**  
00E927

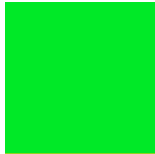
**Protanopia**  
E0C81E

**Deuteranopia**  
F9BD3E



**Tritanopia**  
61D9EA

# Trichromacy



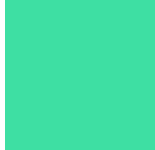
**Original Color**  
00E927



**Protanomaly**  
8FD421

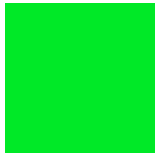


**Deuteranomaly**  
9ECD36



**Tritanomaly**  
3EDFA3

# Monochromacy



**Original Color**  
00E927



**Achromatopsia**  
8D8D8D



**Achromatomaly**  
5AAE68

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00E927 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 #00E927 looks like.

```
.text, #text, p{  
    color:#00E927  
}
```

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 #00E927 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00E927
}
```

## Border

The CSS property to change the border of an element to Hex 00E927 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
#00E927 }
```

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

```
.border{ border-color:#00E927 }
```

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

Here you see how a box with a 4 pixel #00E927 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00E927; -webkit-box-shadow:4px 4px  
4px 4px #00E927; box-shadow:4px 4px 4px  
4px #00E927 }
```

# Background

The CSS property to change the background color of an element to Hex 00E927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00E927 }
```

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

```
.background{ background-color:#00E927 }
```

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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