

Converting Colors

Hex(00E939)

Have a look what the booklet for
Hex(00E939) contains.

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Color

Hex(00E939)

Conversions

Conversions Part 1

Format	Color
Hex	00E939
RGB	0, 233, 57
RGB Percent	0%, 91%, 22%
CMY	1.0000, 0.0863, 0.7765
CMYK	1.00, 0.00, 0.76, 0.09
HSL	135°, 100%, 46%
HSV	135°, 100%, 91%
XYZ	29.8774, 58.5732, 13.6020
YIQ	143.2690, -82.3720, -104.1320

Conversions

Conversions Part 2

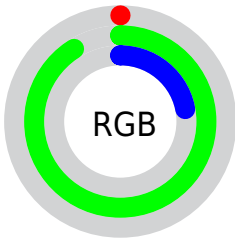
Format	Color
RYB	0, 187, 233
Decimal	59705
CIELab	81.06, -78.38, 67.36
CIELCh	81, 103.346, 139.324
Yxy	58.5732, 0.2928, 0.5740
Android (android.graphics.Color)	4278249785 (0xFF00E939)
YUV	143.2690, -42.5306, -125.6469
Hunter-Lab	76.5332, -64.2492, 43.0358

Details

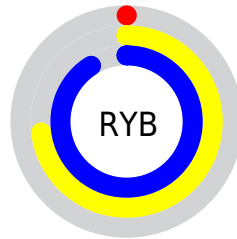
The Hex color **00E939** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **E900B0**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **70FF73**, and **00AF00** is the 20% darker color. If you saturate the color by 10%, you get **00E939**, and if you desaturate by 10%, it is **17E94B**.

Distribution



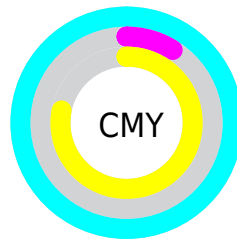
- Red (0%)
- Green (91%)
- Blue (22%)



- Red (0%)
- Yellow (73%)
- Blue (91%)



- Cyan (100%)
- Magenta (0%)
- Yellow (76%)
- Black (9%)



- Cyan (100%)
- Magenta (9%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00E939 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 00E939 by changing the saturation by 10% instead.

 00E939

 00E939

FFFFFF

 00CC13

 70FF73

 00AF00

 93FF90

 009400

 B3FFAC

 007800

 D3FFC9

 005E00

 F3FFE7

 004400

 002B00

 000700

 000000

 00E939

 17E94B

 2FE95C

 46E96E

 5DE97F

 75E991

 8CE9A3

 A3E9B4

 BAE9C6

 D2E9D7

Harmonies

Analogous

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



B7D700



00E939



00F1A2

Triad

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



00E939



00DFFF



FF5990

Complementary

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



00E939



E900B0

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.



FF59F0



00E939



62BFFF

Square

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



00E939



00EFFF



FF8EFF



FF8B31

Rectangle

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



00E939



00F4E6



FF8EFF



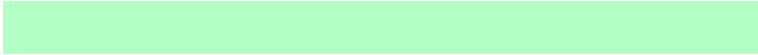
FF50B0

Sweetspot

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



00E939



B3FFC5



B3E900



52805D



000000



808080

Same Dimension

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



00E939



00FF3E



00E9AB



6A756C



00B52C



00360D

Inverse Universe

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



E900B0



FF00C1



E9003E



756A72



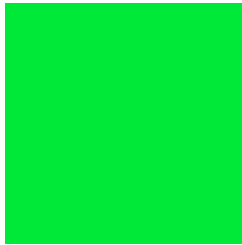
B50089



360028

Previews

White Background



This preview shows how the Hex color 00E939 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 00E939 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 00E939 Background



This preview shows how black text looks on a background with the Hex color 00E939.

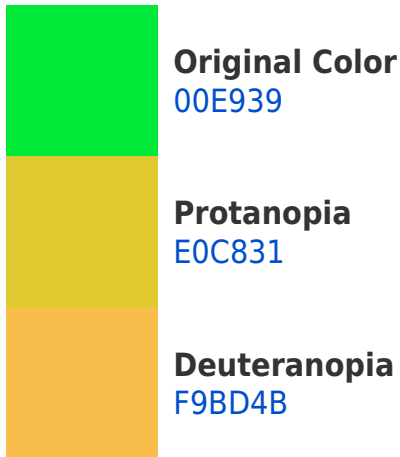


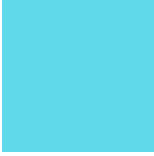
This preview shows how white text looks on a background with the Hex color 00E939.

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](#).

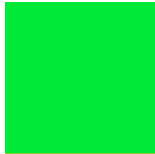
Dichromacy





Tritanopia
60D9EB

Trichromacy



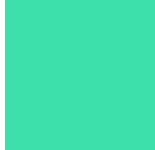
Original Color
00E939



Protanomaly
8FD434



Deuteranomaly
9ECD44



Tritanomaly
3DDFAA

Monochromacy



Original Color
00E939



Achromatopsia
8F8F8F



Achromatomaly
5BB070

CSS Examples

Text

The CSS property to change the color of the text to Hex 00E939 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 #00E939 looks like.

```
.text, #text, p{  
    color:#00E939  
}
```

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 #00E939 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00E939
}
```

Border

The CSS property to change the border of an element to Hex 00E939 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
#00E939 }
```

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

```
.border{ border-color:#00E939 }
```

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

Here you see how a box with a 4 pixel #00E939 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00E939; -webkit-box-shadow:4px 4px  
4px 4px #00E939; box-shadow:4px 4px 4px  
4px #00E939 }
```

Background

The CSS property to change the background color of an element to Hex 00E939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00E939 }
```

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

```
.background{ background-color:#00E939 }
```

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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