

# Converting Colors

Hex(00EF70)

Have a look what the booklet for  
Hex(00EF70) contains.

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**Color**

**Hex(00EF70)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00EF70
RGB	0, 239, 112
RGB Percent	0%, 94%, 44%
CMY	1.0000, 0.0627, 0.5608
CMYK	1.00, 0.00, 0.53, 0.06
HSL	148°, 100%, 47%
HSV	148°, 100%, 94%
XYZ	33.7911, 62.9029, 25.6897
YIQ	153.0610, -101.6770, -90.1650

# Conversions

## Conversions Part 2

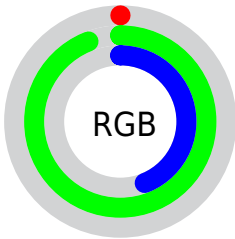
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">0, 163, 239</a>
Decimal	<a href="#">61296</a>
CIELab	<a href="#">83.39, -74.20, 47.78</a>
CIELCh	<a href="#">83, 88.255, 147.222</a>
Yxy	<a href="#">62.9029, 0.2761, 0.5140</a>
Android (android.graphics.Color)	<a href="#">4278251376 (0xFF00EF70)</a>
YUV	<a href="#">153.0610, -20.2431, -134.2345</a>
Hunter-Lab	<a href="#">79.3113, -62.7437, 36.3133</a>

# Details

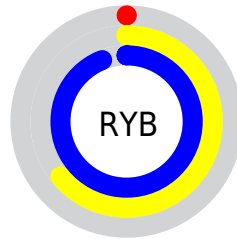
The Hex color **00EF70** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed spring green. A complement of this color would be **EF007F**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **70FFA6**, and **00B53C** is the 20% darker color. If you saturate the color by 10%, you get **00EF70**, and if you desaturate by 10%, it is **18EF7D**.

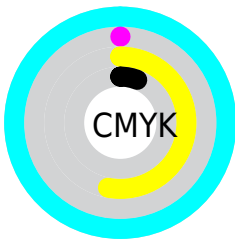
# Distribution



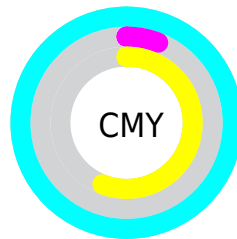
- Red (0%)
- Green (94%)
- Blue (44%)



- Red (0%)
- Yellow (64%)
- Blue (94%)



- Cyan (100%)
- Magenta (0%)
- Yellow (53%)
- Black (6%)



- Cyan (100%)
- Magenta (6%)
- Yellow (56%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 00EF70 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 00EF70 by changing the saturation by 10% instead.



 00EF70

 00EF70


FFFFFF

 00D256

 70FFA6

 00B53C

 92FFC2

 009920

 B2FFDF

 007E00

 D2FFFC

 006300

 F2FFFF

 004900

 003100

 001400

 000000

 00EF70

 18EF7D

 30EF89

 48EF96

 60EFA3

 77EFAF

 8FEFBC

 A7EFC9

 BFEFD6

 D7EFE2

# Harmonies

## Analogous

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



ADE11C



00EF70



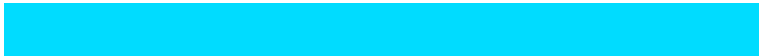
00F5C5

# Triad

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



00EF70



00DCFF



FF8589

# Complementary

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



00EF70



EF007F

# 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.



FF7ADB



00EF70



BEBDFE

# Square

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



00EF70



00EEFF



FF96FF



FFA83F

# Rectangle

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



00EF70



00F6FF



FF96FF



FF7DA4

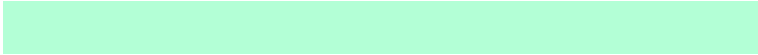


# Sweetspot

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



00EF70



B3FFD6



7FEF00



528067



000000



808080



# Same Dimension

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



00EF70



00FF77



00EFE7



6C7871



00B856



00381A



# Inverse Universe

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



EF007F



FF0088



EF0008



786C72



B80062

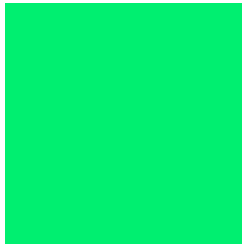


38001E



# Previews

## White Background



This preview shows how the Hex color 00EF70 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 00EF70 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 00EF70 Background



This preview shows how black text looks on a background with the Hex color 00EF70.

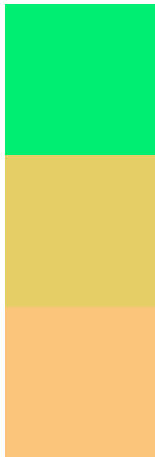


This preview shows how white text looks on a background with the Hex color 00EF70.

# 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](#).

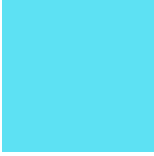
## Dichromacy



**Original Color**  
00EF70

**Protanopia**  
E4CE65

**Deuteranopia**  
FAC47B



**Tritanopia**  
5DE1F3

# Trichromacy



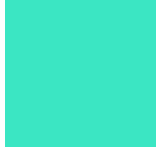
**Original Color**  
00EF70



**Protanomaly**  
91DA69



**Deuteranomaly**  
9FD477



**Tritanomaly**  
3BE6C3

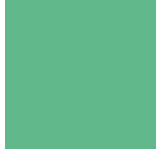
# Monochromacy



**Original Color**  
00EF70



**Achromatopsia**  
999999



**Achromatomaly**  
61B88A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00EF70 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 #00EF70 looks like.

```
.text, #text, p{  
    color:#00EF70  
}
```

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 #00EF70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00EF70
}
```

## Border

The CSS property to change the border of an element to Hex 00EF70 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
#00EF70 }
```

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

```
.border{ border-color:#00EF70 }
```

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

Here you see how a box with a 4 pixel #00EF70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00EF70; -webkit-box-shadow:4px 4px  
4px 4px #00EF70; box-shadow:4px 4px 4px  
4px #00EF70 }
```

# Background

The CSS property to change the background color of an element to Hex 00EF70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00EF70 }
```

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

```
.background{ background-color:#00EF70 }
```

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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