

Converting Colors

Hex(0EFF4F)

Have a look what the booklet for
Hex(0EFF4F) contains.

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Color

Hex(0EFF4F)

Conversions

Conversions Part 1

Format	Color
Hex	0EFF4F
RGB	14, 255, 79
RGB Percent	5%, 100%, 31%
CMY	0.9451, 0.0000, 0.6902
CMYK	0.95, 0.00, 0.69, 0.00
HSL	136°, 100%, 53%
HSV	136°, 95%, 100%
XYZ	37.3524, 72.1779, 19.3602
YIQ	162.8770, -87.1400, -105.8280

Conversions

Conversions Part 2

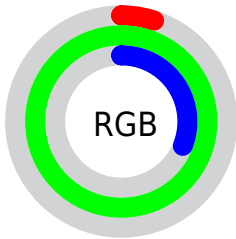
Format	Color
RYB	14, 204, 255
Decimal	982863
CIELab	88.05, -82.27, 66.94
CIELCh	88, 106.064, 140.867
Yxy	72.1779, 0.2898, 0.5600
Android (android.graphics.Color)	4279172943 (0xFF0EFF4F)
YUV	162.8770, -41.3514, -130.5651
Hunter-Lab	84.9576, -70.1965, 45.9592

Details

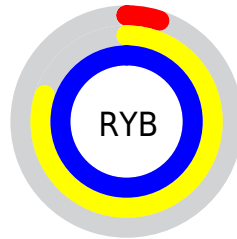
The Hex color **0EFF4F** is a dark color, and the websafe version is hex **00FF33**. The color can be described as dark saturated green. A complement of this color would be **FF0EBE**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **78FF88**, and **00C400** is the 20% darker color. If you saturate the color by 10%, you get **00FF45**, and if you desaturate by 10%, it is **28FF62**.

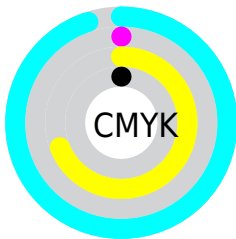
Distribution



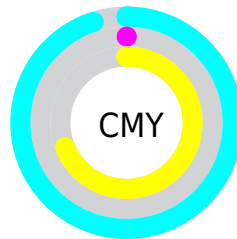
- Red (5%)
- Green (100%)
- Blue (31%)



- Red (5%)
- Yellow (80%)
- Blue (100%)



- Cyan (95%)
- Magenta (0%)
- Yellow (69%)
- Black (0%)



- Cyan (95%)
- Magenta (0%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0EFF4F 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 0EFF4F by changing the saturation by 10% instead.

 0EFF4F

 0EFF4F

FFFFFF

 00E130

 78FF88

 00C400

 9BFFA4

 00A800


 BCFFC1

 008C00

 DCFFDE

 007100

 FDFFFC

 005600

 003E00

 002300

 000000

 0EFF4F

 0EFF4F

 00FF45

 28FF62

 41FF74

 5BFF87

 74FF99

 8EFFAC

 A7FFBF

 C1FFD1

 DAFFE4

 F4FFF7

Harmonies

Analogous

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



C6ED00



0EFF4F



00FFB9

Triad

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



0EFF4F



00F2FF



FF6F9C

Complementary

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



0EFF4F



FF0E0E

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.



FF6CFF



0EFF4F



8BD0FF

Square

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



0EFF4F



00FFFF



FF9DFF



FFA03A

Rectangle

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



0EFF4F



00FFFF



FF9DFF



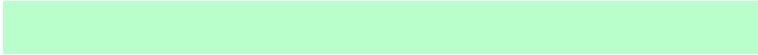
FF66BD

Sweetspot

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



0EFF4F



B8FFCB



BFFF0E



548060



000000



808080

Same Dimension

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



0EFF4F



00FF45



0EFFC7



738076



00BF34



004011

Inverse Universe

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



FF0EBE



FF00BA



FF0E46



80737C



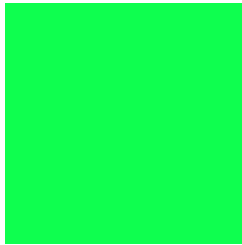
BF008C



40002F

Previews

White Background



This preview shows how the Hex color 0EFF4F 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 0EFF4F 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 0EFF4F Background



This preview shows how black text looks on a background with the Hex color 0EFF4F.

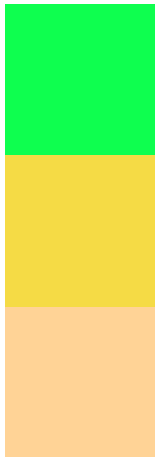


This preview shows how white text looks on a background with the Hex color 0EFF4F.

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](#).

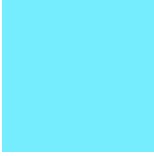
Dichromacy



Original Color
0EFF4F

Protanopia
F5DB45

Deuteranopia
FFD396



Tritanopia
75EDFF

Trichromacy



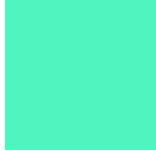
Original Color
0EFF4F



Protanomaly
A1E849

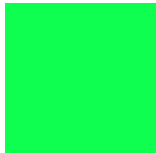


Deuteranomaly
A7E37C

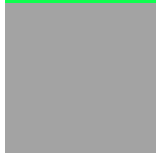


Tritanomaly
50F4BF

Monochromacy



Original Color
0EFF4F



Achromatopsia
A3A3A3



Achromatomaly
6DC484

CSS Examples

Text

The CSS property to change the color of the text to Hex 0EFF4F 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 #0EFF4F looks like.

```
.text, #text, p{  
    color:#0EFF4F  
}
```

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 #0EFF4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0EFF4F
}
```

Border

The CSS property to change the border of an element to Hex 0EFF4F 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
#0EFF4F }
```

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

```
.border{ border-color:#0EFF4F }
```

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

Here you see how a box with a 4 pixel #0EFF4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0EFF4F; -webkit-box-shadow:4px 4px  
4px 4px #0EFF4F; box-shadow:4px 4px 4px  
4px #0EFF4F }
```

Background

The CSS property to change the background color of an element to Hex 0EFF4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0EFF4F }
```

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

```
.background{ background-color:#0EFF4F }
```

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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