

Converting Colors

Hex(0EF513)

Have a look what the booklet for
Hex(0EF513) contains.

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Color

Hex(0EF513)

Conversions

Conversions Part 1

Format	Color
Hex	0EF513
RGB	14, 245, 19
RGB Percent	5%, 96%, 7%
CMY	0.9451, 0.0392, 0.9255
CMYK	0.94, 0.00, 0.92, 0.04
HSL	121°, 92%, 51%
HSV	121°, 94%, 96%
XYZ	32.9511, 65.4452, 11.5116
YIQ	150.1670, -65.1300, -119.2580

Conversions

Conversions Part 2

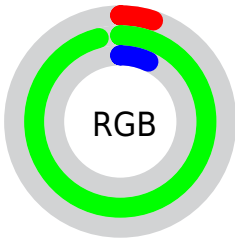
Format	Color
R_{YB}	14, 240, 245
Decimal	980243
CIE _{Lab}	84.71, -82.86, 79.07
CIE _{LCh}	85, 114.533, 136.339
Yxy	65.4452, 0.2998, 0.5955
Android (android.graphics.Color)	4279170323 (0xFF0EF513)
YUV	150.1670, -64.6653, -119.4185
Hunter-Lab	80.8982, -68.8661, 48.1919

Details

The Hex color **0EF513** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark saturated green. A complement of this color would be **F50EF0**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **77FF5F**, and **00BB00** is the 20% darker color. If you saturate the color by 10%, you get **00F505**, and if you desaturate by 10%, it is **27F52B**.

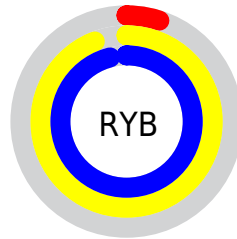
Distribution



Red (5%)

Green (96%)

Blue (7%)



Red (5%)

Yellow (94%)

Blue (96%)

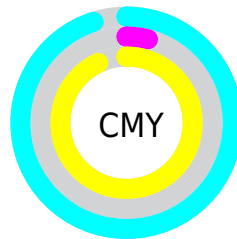


Cyan (94%)

Magenta (0%)

Yellow (92%)

Black (4%)



Cyan (95%)

Magenta (4%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0EF513 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 0EF513 by changing the saturation by 10% instead.

 0EF513

 0EF513

FFFFFF

 00D800

 77FF5F

 00BB00

 9AFF7D

 009F00

 BBFF9B

 008300

 DCFFB8

 006800

 FCFFD6

 004E00

 FFFFF4

 003400

 001900

 000000

 0EF513

 0EF513

 00F505

 27F52B

 3FF543

 58F55B

 70F573

 89F58B

 A1F5A3

 BAF5BB

 D2F5D3

 EBF5EB

Harmonies

Analogous

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



C8E100



0EF513



00FF9C

Triad

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



0EF513



00EFFF



FF449E

Complementary

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



0EF513



F50EF0

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.



FF4FFF



0EF513



00CDFF

Square

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



0EF513



00FEFF



FF95FF



FF8532

Rectangle

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



0EF513



00FFE8



FF95FF



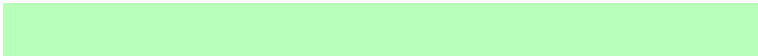
FF38C2

Sweetspot

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



0EF513



B8FFB9



F1F50E



548055



000000



808080

Same Dimension

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



0EF513



00FF06



0EF585



6E7A6E



00BA04



003B01

Inverse Universe

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



F50EF0



FF00F9



F50E7E



7A6E7A



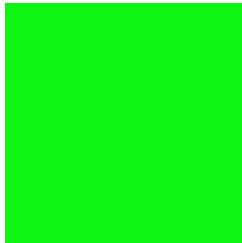
BA00B6



3B0039

Previews

White Background



This preview shows how the Hex color 0EF513 looks on a white background.

Color Contrast Check

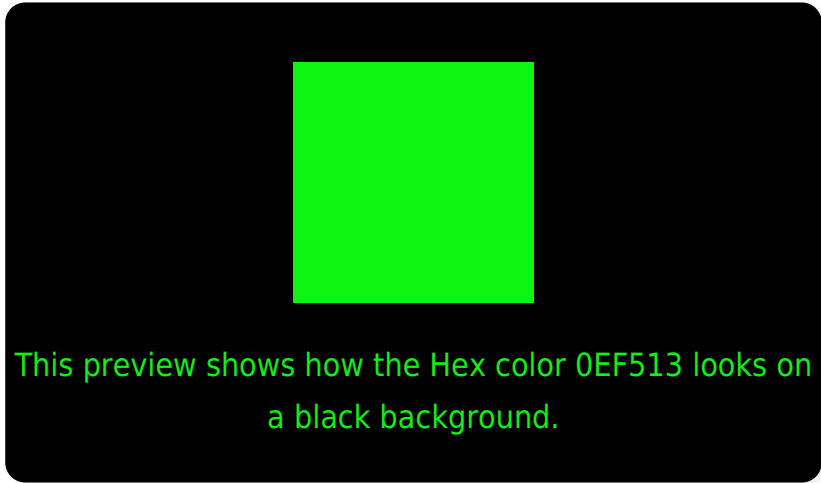
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

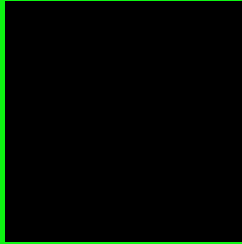
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

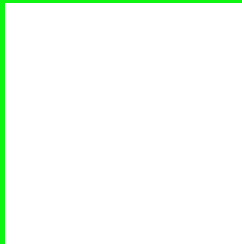
Any Text WCAG AAA ✓ Pass

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

Hex 0EF513 Background



This preview shows how black text looks on a background with the Hex color 0EF513.



This preview shows how white text looks on a background with the Hex color 0EF513.

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](#).

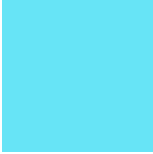
Dichromacy



Original Color
0EF513

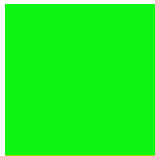
Protanopia
ECD200

Deuteranopia
FFC867



Tritanopia
67E4F6

Trichromacy



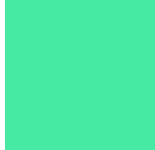
Original Color
0EF513



Protanomaly
9BDF07

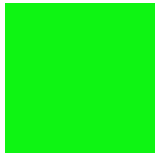


Deuteranomaly
A7D848



Tritanomaly
47EAA3

Monochromacy



Original Color
0EF513



Achromatopsia
969696



Achromatomaly
65B966

CSS Examples

Text

The CSS property to change the color of the text to Hex 0EF513 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 #0EF513 looks like.

```
.text, #text, p{  
    color:#0EF513  
}
```

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 #0EF513 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0EF513
}
```

Border

The CSS property to change the border of an element to Hex 0EF513 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
#0EF513 }
```

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

```
.border{ border-color:#0EF513 }
```

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

Here you see how a box with a 4 pixel #0EF513 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0EF513; -webkit-box-shadow:4px 4px  
4px 4px #0EF513; box-shadow:4px 4px 4px  
4px #0EF513 }
```

Background

The CSS property to change the background color of an element to Hex 0EF513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0EF513 }
```

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

```
.background{ background-color:#0EF513 }
```

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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