

Converting Colors

Hex(0EF73D)

Have a look what the booklet for
Hex(0EF73D) contains.

Hex(0EF73D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(0EF73D)

Conversions

Conversions Part 1

Format	Color
Hex	0EF73D
RGB	14, 247, 61
RGB Percent	5%, 97%, 24%
CMY	0.9451, 0.0314, 0.7608
CMYK	0.94, 0.00, 0.75, 0.03
HSL	132°, 94%, 51%
HSV	132°, 94%, 97%
XYZ	34.2842, 66.9518, 15.5309
YIQ	156.1290, -79.1620, -107.2420

Conversions

Conversions Part 2

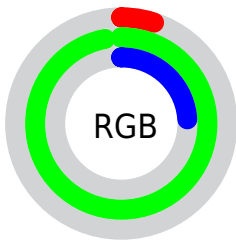
Format	Color
RYB	14, 208, 247
Decimal	980797
CIELab	85.48, -81.49, 70.47
CIELCh	85, 107.732, 139.149
Yxy	66.9518, 0.2936, 0.5734
Android (android.graphics.Color)	4279170877 (0xFF0EF73D)
YUV	156.1290, -46.8986, -124.6471
Hunter-Lab	81.8241, -68.4009, 46.0231

Details

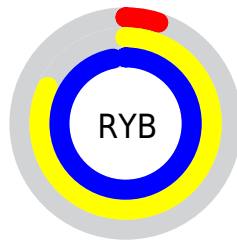
The Hex color **0EF73D** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark saturated green. A complement of this color would be **F70EC8**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **76FF78**, and **00BD00** is the 20% darker color. If you saturate the color by 10%, you get **00F732**, and if you desaturate by 10%, it is **27F751**.

Distribution



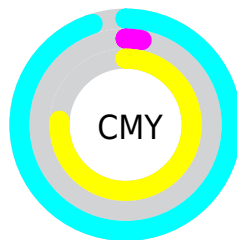
- Red (5%)
- Green (97%)
- Blue (24%)



- Red (5%)
- Yellow (82%)
- Blue (97%)



- Cyan (94%)
- Magenta (0%)
- Yellow (75%)
- Black (3%)



- Cyan (95%)
- Magenta (3%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0EF73D 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 0EF73D by changing the saturation by 10% instead.

 0EF73D

 0EF73D

FFFFFF

 00DA17

 76FF78

 00BD00

 99FF95

 00A100

 BAFFB2

 008500

 DAFFCF

 006A00

 FBF FEC

 004F00

 003600

 001C00

 000000

 0EF73D

 0EF73D

 00F732

 27F751

 3FF764

 58F778

 71F78C

 8AF7A0

 A2F7B3

 BBF7C7

 D4F7DB

 ECF7EE

Harmonies

Analogous

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



C3E400



0EF73D



00FFAC

Triad

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



0EF73D



00EDFF



FF609A

Complementary

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



0EF73D



F70EC8

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.



FF60FF



0EF73D



67CBFF

Square

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



0EF73D



00FEFF



FF97FF



FF9436

Rectangle

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



0EF73D



00FFF3



FF97FF



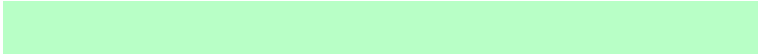
FF56BB

Sweetspot

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



0EF73D



B8FFC6



C8F70E



54805D



000000



808080

Same Dimension

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



0EF73D



00FF33



0EF7B1



6E7A71



00BA26



003B0C

Inverse Universe

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



F70EC8



FF00CC



F70E54



7A6E78



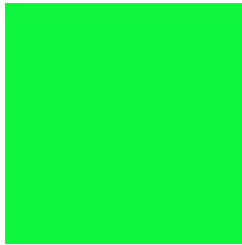
BA0095



3B002F

Previews

White Background



This preview shows how the Hex color 0EF73D 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 0EF73D 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 0EF73D Background



This preview shows how black text looks on a background with the Hex color 0EF73D.

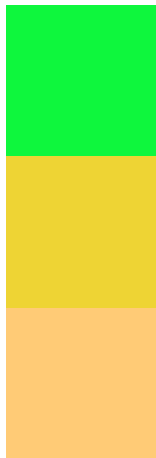


This preview shows how white text looks on a background with the Hex color 0EF73D.

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](#).

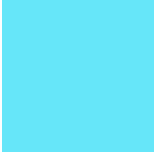
Dichromacy



Original Color
E67E22

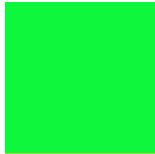
Protanopia
F1C40F

Deuteranopia
F1C40F



Tritanopia
66E6F9

Trichromacy



Original Color
0EF73D



Protanomaly
9DE137

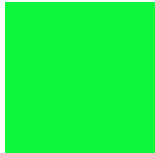


Deuteranomaly
A7DB61



Tritanomaly
46ECB5

Monochromacy



Original Color
0EF73D



Achromatopsia
9C9C9C



Achromatomaly
68BD79

CSS Examples

Text

The CSS property to change the color of the text to Hex 0EF73D 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 #0EF73D looks like.

```
.text, #text, p{  
    color:#0EF73D  
}
```

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 #0EF73D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0EF73D
}
```

Border

The CSS property to change the border of an element to Hex 0EF73D 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
#0EF73D }
```

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

```
.border{ border-color:#0EF73D }
```

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

Here you see how a box with a 4 pixel #0EF73D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0EF73D; -webkit-box-shadow:4px 4px  
4px 4px #0EF73D; box-shadow:4px 4px 4px  
4px #0EF73D }
```

Background

The CSS property to change the background color of an element to Hex 0EF73D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0EF73D }
```

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

```
.background{ background-color:#0EF73D }
```

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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