

Converting Colors

Hex(0CF33E)

Have a look what the booklet for
Hex(0CF33E) contains.

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Color

Hex(0CF33E)

Conversions

Conversions Part 1

Format	Color
Hex	0CF33E
RGB	12, 243, 62
RGB Percent	5%, 95%, 24%
CMY	0.9529, 0.0471, 0.7569
CMYK	0.95, 0.00, 0.74, 0.05
HSL	133°, 91%, 50%
HSV	133°, 95%, 95%
XYZ	33.0717, 64.5271, 15.2694
YIQ	153.2970, -79.5750, -105.2630

Conversions

Conversions Part 2

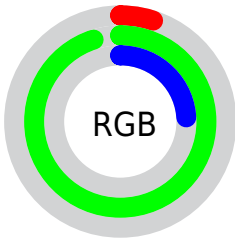
Format	Color
RYB	12, 202, 243
Decimal	848702
CIELab	84.24, -80.39, 68.92
CIELCh	84, 105.889, 139.394
Yxy	64.5271, 0.2930, 0.5717
Android (android.graphics.Color)	4279038782 (0xFF0CF33E)
YUV	153.2970, -45.0094, -123.9175
Hunter-Lab	80.3288, -67.0862, 44.9600

Details

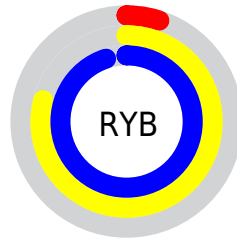
The Hex color **0CF33E** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark saturated green. A complement of this color would be **F30CC1**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **75FF79**, and **00B900** is the 20% darker color. If you saturate the color by 10%, you get **00F335**, and if you desaturate by 10%, it is **24F351**.

Distribution



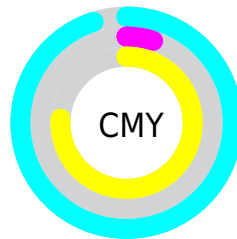
- Red (5%)
- Green (95%)
- Blue (24%)



- Red (5%)
- Yellow (79%)
- Blue (95%)



- Cyan (95%)
- Magenta (0%)
- Yellow (74%)
- Black (5%)



- Cyan (95%)
- Magenta (5%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0CF33E 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 0CF33E by changing the saturation by 10% instead.

 0CF33E

 0CF33E

FFFFFF

 00D61A

 75FF79

 00B900

 97FF95

 009D00

 B8FFB2

 008100

 D8FFCF

 006600

 F9FFEC

 004C00

 003300

 001700

 000000

 0CF33E

 0CF33E

 00F335

 24F351

 3DF364

 55F377

 6DF38A

 85F39D

 9EF3B0

 B6F3C3

 CEF3D6

 E7F3E9

Harmonies

Analogous

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



BFE100



0CF33E



00FCAA

Triad

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



0CF33E



00E9FF



FF6097

Complementary

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



0CF33E



F30CC1

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.



FF5FFA



0CF33E



6AC7FF

Square

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



0CF33E



00F9FF



FF95FF



FF9235

Rectangle

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



0CF33E



00FEF0



FF95FF



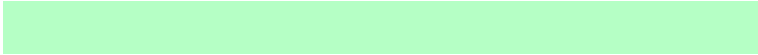
FF56B7

Sweetspot

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



0CF33E



B5FFC5



C5F30C



53805D



000000



808080

Same Dimension

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



0CF33E



00FF37



0CF3AE



6E7A71



00BA28



003B0D

Inverse Universe

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



F30CC1



FF00C8



F30C51



7A6E78



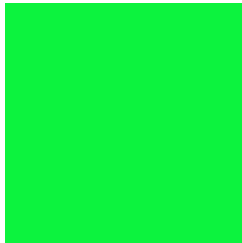
BA0092



3B002E

Previews

White Background



This preview shows how the Hex color 0CF33E 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 0CF33E 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 0CF33E Background



This preview shows how black text looks on a background with the Hex color 0CF33E.

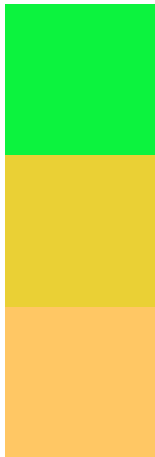


This preview shows how white text looks on a background with the Hex color 0CF33E.

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](#).

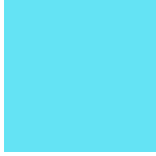
Dichromacy



Original Color
0CF33E

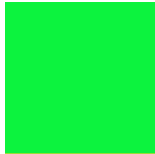
Protanopia
EAD035

Deuteranopia
FFC764



Tritanopia
64E3F5

Trichromacy



Original Color
0CF33E



Protanomaly
99DD38

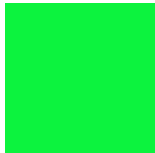


Deuteranomaly
A7D756



Tritanomaly
44E9B2

Monochromacy



Original Color
0CF33E



Achromatopsia
999999



Achromatomaly
66BA78

CSS Examples

Text

The CSS property to change the color of the text to Hex 0CF33E 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 #0CF33E looks like.

```
.text, #text, p{  
    color:#0CF33E  
}
```

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 #0CF33E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0CF33E
}
```

Border

The CSS property to change the border of an element to Hex 0CF33E 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
#0CF33E }
```

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

```
.border{ border-color:#0CF33E }
```

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

Here you see how a box with a 4 pixel #0CF33E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0CF33E; -webkit-box-shadow:4px 4px  
4px 4px #0CF33E; box-shadow:4px 4px 4px  
4px #0CF33E }
```

Background

The CSS property to change the background color of an element to Hex 0CF33E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0CF33E }
```

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

```
.background{ background-color:#0CF33E }
```

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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