

Converting Colors

Hex(0EFC30)

Have a look what the booklet for
Hex(0EFC30) contains.

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Color

Hex(0EFC30)

Conversions

Conversions Part 1

Format	Color
Hex	0EFC30
RGB	14, 252, 48
RGB Percent	5%, 99%, 19%
CMY	0.9451, 0.0118, 0.8118
CMYK	0.94, 0.00, 0.81, 0.01
HSL	129°, 98%, 52%
HSV	129°, 94%, 99%
XYZ	35.5250, 69.9276, 14.4213
YIQ	157.5820, -76.3640, -113.9000

Conversions

Conversions Part 2

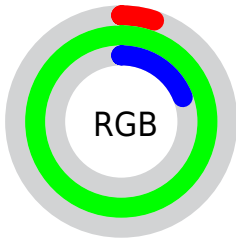
Format	Color
RYB	14, 222, 252
Decimal	982064
CIELab	86.96, -83.63, 75.57
CIELCh	87, 112.719, 137.899
Yxy	69.9276, 0.2964, 0.5833
Android (android.graphics.Color)	4279172144 (0xFF0EFC30)
YUV	157.5820, -54.0239, -125.9214
Hunter-Lab	83.6227, -70.5085, 48.3109

Details

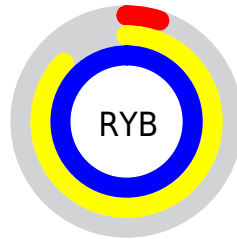
The Hex color **0EFC30** is a dark color, and the websafe version is hex **00FF33**. The color can be described as dark saturated green. A complement of this color would be **FC0EDA**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **78FF6F**, and **00C200** is the 20% darker color. If you saturate the color by 10%, you get **00FC24**, and if you desaturate by 10%, it is **27FC46**.

Distribution



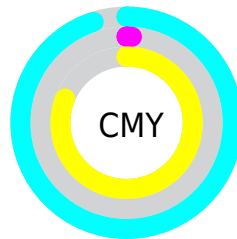
- Red (5%)
- Green (99%)
- Blue (19%)



- Red (5%)
- Yellow (87%)
- Blue (99%)



- Cyan (94%)
- Magenta (0%)
- Yellow (81%)
- Black (1%)



- Cyan (95%)
- Magenta (1%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0EFC30 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 0EFC30 by changing the saturation by 10% instead.

 0EFC30

 0EFC30

FFFFFF

 00DE00


 78FF6F

 00C200

 9BFF8D

 00A500

 BDFFAA

 008900

 DDFFC7

 006E00

 FEFFE5

 005400

 003B00

 002000

 000000

 0EFC30

 0EFC30

 00FC24

 27FC46

 40FC5B

 5AFC71

 73FC86

 8CFC9C

 A5FCB2

 BEFCC7

 D8FCDD

 F1FCF2

Harmonies

Analogous

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



CAE800



0EFC30



00FFA9

Triad

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



0EFC30



00F3FF



FF579F

Complementary

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



0EFC30



FC0EDA

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.



FF5BFF



0EFC30



43D1FF

Square

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



0EFC30



00FFFF



FF9AFF



FF9135

Rectangle

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



0EFC30



00FFF4



FF9AFF



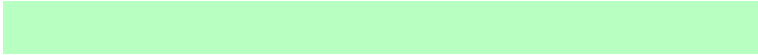
FF4CC2

Sweetspot

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



0EFC30



B8FFC2



DCFC0E



54805A



000000



808080

Same Dimension

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



0EFC30



00FF24



0EFC A5



707D72



00BD1B



003D09

Inverse Universe

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



FC0EDA



FF00DB



FC0E65



7D707B



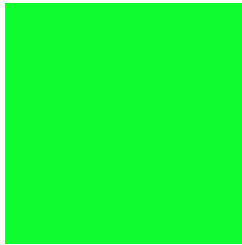
BD00A2



3D0034

Previews

White Background



This preview shows how the Hex color 0EFC30 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 0EFC30 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

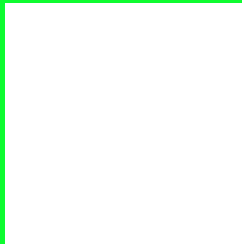
Any Text WCAG AAA ✓ Pass

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

Hex 0EFC30 Background



This preview shows how black text looks on a background with the Hex color 0EFC30.

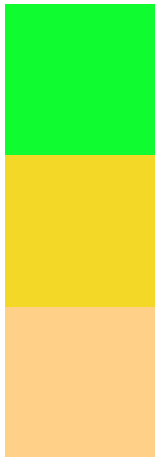


This preview shows how white text looks on a background with the Hex color 0EFC30.

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](#).

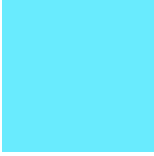
Dichromacy



Original Color
EFC30

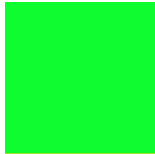
Protanopia
F3D827

Deuteranopia
FFD087



Tritanopia
69EBFE

Trichromacy



Original Color
0EFC30



Protanomaly
A0E52A

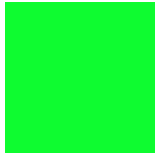


Deuteranomaly
A7E067



Tritanomaly
48F1B3

Monochromacy



Original Color
0EFC30



Achromatopsia
9E9E9E



Achromatomaly
6AC076

CSS Examples

Text

The CSS property to change the color of the text to Hex 0EFC30 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 #0EFC30 looks like.

```
.text, #text, p{  
    color:#0EFC30  
}
```

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 #0EFC30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0EFC30
}
```

Border

The CSS property to change the border of an element to Hex 0EFC30 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".

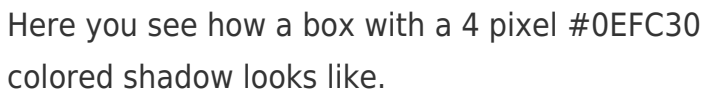
```
.border, #border, table{ border:4px solid
#0EFC30 }
```

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

```
.border{ border-color:#0EFC30 }
```

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

Here you see how a box with a 4 pixel #0EFC30 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0EFC30; -webkit-box-shadow:4px 4px  
4px 4px #0EFC30; box-shadow:4px 4px 4px  
4px #0EFC30 }
```

Background

The CSS property to change the background color of an element to Hex 0EFC30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0EFC30 }
```

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

```
.background{ background-color:#0EFC30 }
```

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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