

Converting Colors

Hex(0FE330)

Have a look what the booklet for
Hex(0FE330) contains.

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Color

Hex(0FE330)

Conversions

Conversions Part 1

Format	Color
Hex	0FE330
RGB	15, 227, 48
RGB Percent	6%, 89%, 19%
CMY	0.9412, 0.1098, 0.8118
CMYK	0.93, 0.00, 0.79, 0.11
HSL	129°, 88%, 47%
HSV	129°, 93%, 89%
XYZ	28.1996, 55.2531, 11.9750
YIQ	143.2060, -68.8930, -100.6130

Conversions

Conversions Part 2

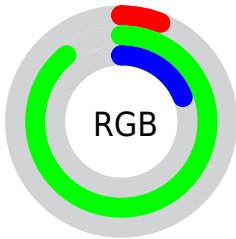
Format	Color
RYB	15, 198, 227
Decimal	1041200
CIELab	79.19, -76.81, 68.29
CIELCh	79, 102.777, 138.358
Yxy	55.2531, 0.2955, 0.5790
Android (android.graphics.Color)	4279231280 (0xFF0FE330)
YUV	143.2060, -46.9366, -112.4367
Hunter-Lab	74.3324, -62.3640, 42.4811

Details

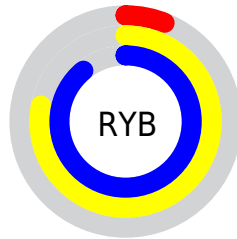
The Hex color **0FE330** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **E30FC2**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **71FF6C**, and **00AA00** is the 20% darker color. If you saturate the color by 10%, you get **00E323**, and if you desaturate by 10%, it is **26E343**.

Distribution



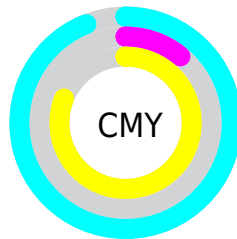
- Red (6%)
- Green (89%)
- Blue (19%)



- Red (6%)
- Yellow (78%)
- Blue (89%)



- Cyan (93%)
- Magenta (0%)
- Yellow (79%)
- Black (11%)



- Cyan (94%)
- Magenta (11%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0FE330 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 0FE330 by changing the saturation by 10% instead.

 0FE330

 0FE330

FFFFFF

 00C600

 71FF6C

 00AA00

 93FF88

 008E00

 B3FFA5

 007300

 D3FFC2

 005900

 F3FFDF

 004000

FFFFFFD

 002600

 000000

 0FE330

 0FE330


 00E323

 26E343

 3CE356

 53E369

 6AE37D

 81E390

 97E3A3

 AEE3B6

 C5E3C9

 DBE3DC

Harmonies

Analogous

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



B5D100



0FE330



00EB9A

Triad

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



0FE330



00DBFF



FF528E

Complementary

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



0FE330



E30FC2

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.



FF54EE



0FE330



4CBBFF

Square

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



0FE330



00EAFF



FF8AFF



FF8430

Rectangle

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



0FE330



00EEDD



FF8AFF



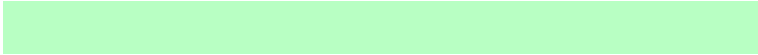
FF49AE

Sweetspot

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



0FE330



B8FFC3



C3E30F



54805B



000000



808080

Same Dimension

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



0FE330



00FF28



0FE399



677369



00B31C



003308

Inverse Universe

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



E30FC2



FF00D7



E30F59



736771



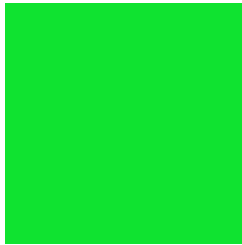
B30097



33002B

Previews

White Background



This preview shows how the Hex color 0FE330 looks on a white background.

Color Contrast Check

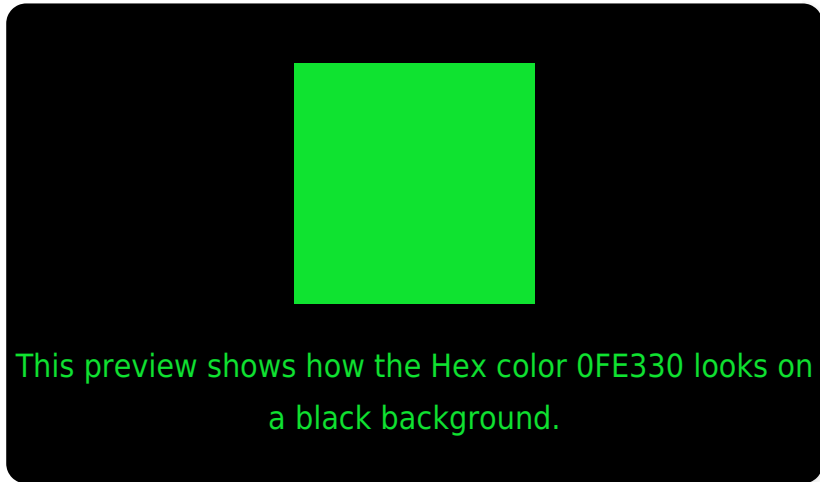
Large Text (above 18pt) WCAG AA × Fail

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 0FE330 Background



This preview shows how black text looks on a background with the Hex color 0FE330.

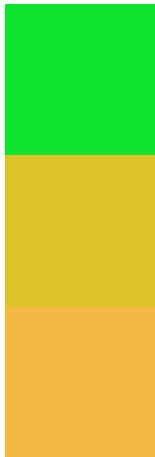


This preview shows how white text looks on a background with the Hex color 0FE330.

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](#).

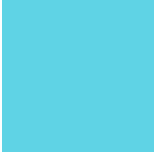
Dichromacy



Original Color
0FE330

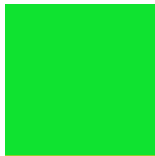
Protanopia
DBC328

Deuteranopia
F3B843



Tritanopia
5FD3E5

Trichromacy



Original Color
0FE330



Protanomaly
91CF2B



Deuteranomaly
A0C83C



Tritanomaly
42D9A3

Monochromacy



Original Color
0FE330



Achromatopsia
8F8F8F



Achromatomaly
60AE6C

CSS Examples

Text

The CSS property to change the color of the text to Hex 0FE330 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 #0FE330 looks like.

```
.text, #text, p{  
    color:#0FE330  
}
```

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 #0FE330 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0FE330
}
```

Border

The CSS property to change the border of an element to Hex 0FE330 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
#0FE330 }
```

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

```
.border{ border-color:#0FE330 }
```

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

Here you see how a box with a 4 pixel #0FE330 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0FE330; -webkit-box-shadow:4px 4px  
4px 4px #0FE330; box-shadow:4px 4px 4px  
4px #0FE330 }
```

Background

The CSS property to change the background color of an element to Hex 0FE330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0FE330 }
```

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

```
.background{ background-color:#0FE330 }
```

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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