

Converting Colors

Hex(0EE233)

Have a look what the booklet for
Hex(0EE233) contains.

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Color

Hex(0EE233)

Conversions

Conversions Part 1

Format	Color
Hex	0EE233
RGB	14, 226, 51
RGB Percent	5%, 89%, 20%
CMY	0.9451, 0.1137, 0.8000
CMYK	0.94, 0.00, 0.77, 0.11
HSL	130°, 88%, 47%
HSV	130°, 94%, 89%
XYZ	27.9750, 54.7251, 12.2205
YIQ	142.6620, -70.1770, -99.3690

Conversions

Conversions Part 2

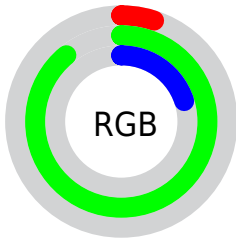
Format	Color
RYB	14, 194, 226
Decimal	975411
CIELab	78.88, -76.38, 67.12
CIELCh	79, 101.682, 138.694
Yxy	54.7251, 0.2947, 0.5765
Android (android.graphics.Color)	4279165491 (0xFF0EE233)
YUV	142.6620, -45.1894, -112.8366
Hunter-Lab	73.9764, -61.9570, 41.9891

Details

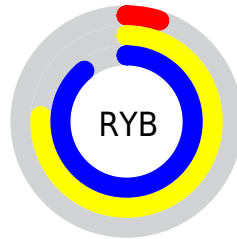
The Hex color **0EE233** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **E20EBD**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **71FF6E**, and **00A900** is the 20% darker color. If you saturate the color by 10%, you get **00E227**, and if you desaturate by 10%, it is **25E246**.

Distribution



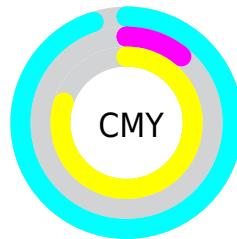
- Red (5%)
- Green (89%)
- Blue (20%)



- Red (5%)
- Yellow (76%)
- Blue (89%)



- Cyan (94%)
- Magenta (0%)
- Yellow (77%)
- Black (11%)



- Cyan (95%)
- Magenta (11%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0EE233 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 0EE233 by changing the saturation by 10% instead.

 0EE233

 0EE233

FFFFFF

 00C506

 71FF6E

 00A900

 92FF8A

 008D00

 B3FFA7

 007200

 D3FFC4

 005800

 F2FFE1

 003F00

 002500

 000000

 0EE233

 0EE233

 00E227

 25E246

 3BE258

 52E26B

 68E27E

 7FE290

 96E2A3

 ACE2B6

 C3E2C8

 D9E2DB

Harmonies

Analogous

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



B3D100



0EE233



00EA9B

Triad

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



0EE233



00D9FF



FF548D

Complementary

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



0EE233



E20EBD

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.



FF55EB



0EE233



54BAFF

Square

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



0EE233



00E8FF



FF8AFF



FF8530

Rectangle

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



0EE233



00ECDD



FF8AFF



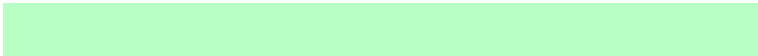
FF4BAC

Sweetspot

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



0EE233



B8FFC4



BFE20E



54805C



000000



808080

Same Dimension

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



0EE233



00FF2D



0EE29B



657067



00B01F



003008

Inverse Universe

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



E20EBD



FF00D2



E20E55



70656E



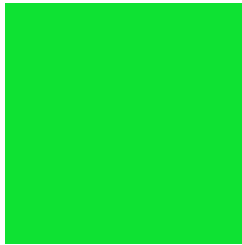
B00091



300028

Previews

White Background



This preview shows how the Hex color 0EE233 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 0EE233 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 0EE233 Background



This preview shows how black text looks on a background with the Hex color 0EE233.

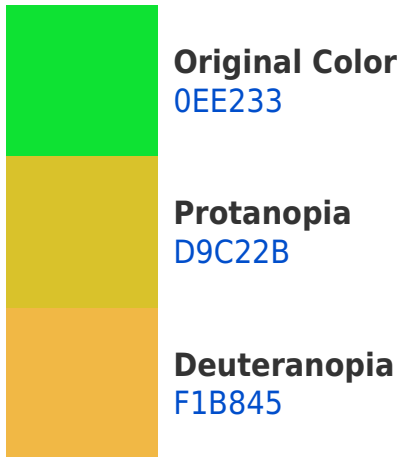


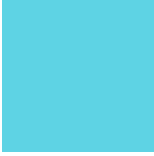
This preview shows how white text looks on a background with the Hex color 0EE233.

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](#).

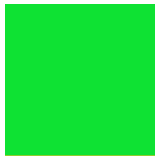
Dichromacy





Tritanopia
5ED3E4

Trichromacy



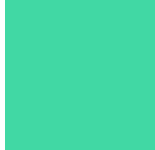
Original Color
0EE233



Protanomaly
8FCE2E



Deuteranomaly
9EC73E



Tritanomaly
41D8A4

Monochromacy



Original Color
0EE233



Achromatopsia
8F8F8F



Achromatomaly
60AD6E

CSS Examples

Text

The CSS property to change the color of the text to Hex 0EE233 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 #0EE233 looks like.

```
.text, #text, p{  
    color:#0EE233  
}
```

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 #0EE233 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0EE233
}
```

Border

The CSS property to change the border of an element to Hex 0EE233 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
#0EE233 }
```

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

```
.border{ border-color:#0EE233 }
```

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

Here you see how a box with a 4 pixel #0EE233 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0EE233; -webkit-box-shadow:4px 4px  
4px 4px #0EE233; box-shadow:4px 4px 4px  
4px #0EE233 }
```

Background

The CSS property to change the background color of an element to Hex 0EE233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0EE233 }
```

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

```
.background{ background-color:#0EE233 }
```

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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