

Converting Colors

Hex(0BE800)

Have a look what the booklet for
Hex(0BE800) contains.

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Color

Hex(0BE800)

Conversions

Conversions Part 1

Format	Color
Hex	0BE800
RGB	11, 232, 0
RGB Percent	4%, 91%, 0%
CMY	0.9569, 0.0902, 1.0000
CMYK	0.95, 0.00, 1.00, 0.09
HSL	117°, 100%, 45%
HSV	117°, 100%, 91%
XYZ	28.9946, 57.7844, 9.6253
YIQ	139.4730, -57.2440, -119.0040

Conversions

Conversions Part 2

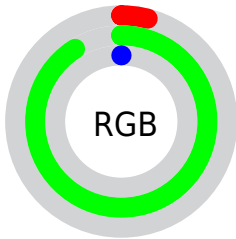
Format	Color
RYB	0, 232, 221
Decimal	780288
CIELab	80.62, -79.87, 77.49
CIELCh	81, 111.286, 135.868
Yxy	57.7844, 0.3008, 0.5994
Android (android.graphics.Color)	4278970368 (0xFF0BE800)
YUV	139.4730, -68.7602, -112.6708
Hunter-Lab	76.0160, -64.9432, 45.7038

Details

The Hex color **0BE800** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **DD00E8**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **73FF57**, and **00AE00** is the 20% darker color. If you saturate the color by 10%, you get **0BE800**, and if you desaturate by 10%, it is **21E817**.

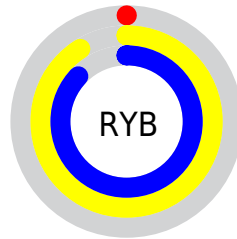
Distribution



Red (4%)

Green (91%)

Blue (0%)



Red (0%)

Yellow (91%)

Blue (87%)

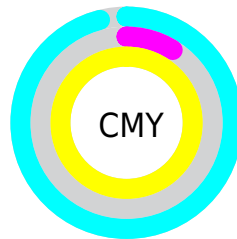


Cyan (95%)

Magenta (0%)

Yellow (100%)

Black (9%)



Cyan (96%)

Magenta (9%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0BE800 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 0BE800 by changing the saturation by 10% instead.

 0BE800

 0BE800

FFFFFF

 00CB00

 73FF57

 00AE00

 96FF75

 009300

 B6FF93

 007700

 D7FFB0

 005D00

 F7FFCE

 004300

 FFFFEB

 002A00

 000400

 000000

 0BE800

 21E817

 37E82E

 4DE846

 63E85D

 7AE874

 90E88B

 A6E8A2

 BCE8BA

 D2E8D1

Harmonies

Analogous

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



BED400



0BE800



00F191

Triad

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



0BE800



00E3FF



FF3996

Complementary

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



OBE800



DD00E8

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.



FF47FE



0BE800



00C2FF

Square

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



0BE800



00F1FF



FF8DFF



FF7B2E

Rectangle

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



0BE800



00F4DB



FF8DFF



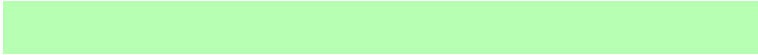
FF2DB8

Sweetspot

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



0BE800



B6FFB3



E8DC00



548052



000000



808080

Same Dimension

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



0BE800



0CFF00



00E868



687367



08B300



023300

Inverse Universe

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



DD00E8



F300FF



E80080



726773



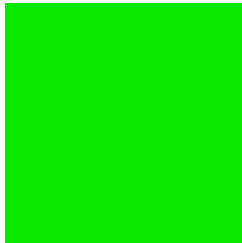
AA00B3



310033

Previews

White Background



This preview shows how the Hex color 0BE800 looks on a white background.

Color Contrast Check

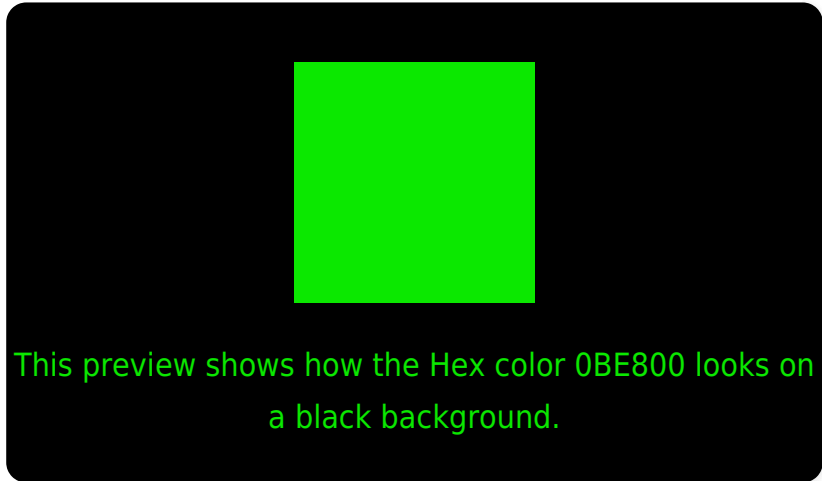
Large Text (above 18pt) WCAG AA × Fail

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

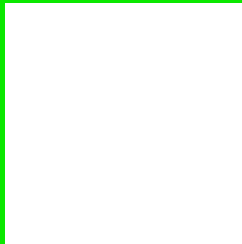
Any Text WCAG AAA ✓ Pass

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

Hex 0BE800 Background



This preview shows how black text looks on a background with the Hex color 0BE800.



This preview shows how white text looks on a background with the Hex color 0BE800.

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](#).

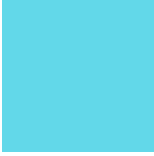
Dichromacy



Original Color
0BE800

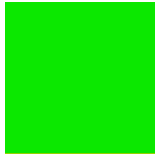
Protanopia
E0C700

Deuteranopia
F9BC32



Tritanopia
62D8E9

Trichromacy



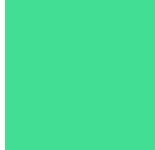
Original Color
0BE800



Protanomaly
93D300

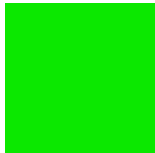


Deuteranomaly
A2CC20



Tritanomaly
42DE94

Monochromacy



Original Color
0BE800



Achromatopsia
8B8B8B



Achromatomaly
5CAD58

CSS Examples

Text

The CSS property to change the color of the text to Hex 0BE800 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 #0BE800 looks like.

```
.text, #text, p{  
    color:#0BE800  
}
```

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 #0BE800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0BE800
}
```

Border

The CSS property to change the border of an element to Hex 0BE800 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
#0BE800 }
```

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

```
.border{ border-color:#0BE800 }
```

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

Here you see how a box with a 4 pixel #0BE800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0BE800; -webkit-box-shadow:4px 4px  
4px 4px #0BE800; box-shadow:4px 4px 4px  
4px #0BE800 }
```

Background

The CSS property to change the background color of an element to Hex 0BE800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0BE800 }
```

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

```
.background{ background-color:#0BE800 }
```

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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