

Converting Colors

Hex(0EB400)

Have a look what the booklet for
Hex(0EB400) contains.

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Color

Hex(0EB400)

Conversions

Conversions Part 1

Format	Color
Hex	0EB400
RGB	14, 180, 0
RGB Percent	5%, 71%, 0%
CMY	0.9451, 0.2941, 1.0000
CMYK	0.92, 0.00, 1.00, 0.29
HSL	115°, 100%, 35%
HSV	115°, 100%, 71%
XYZ	16.5024, 32.7359, 5.4489
YIQ	109.8460, -41.1560, -91.1720

Conversions

Conversions Part 2

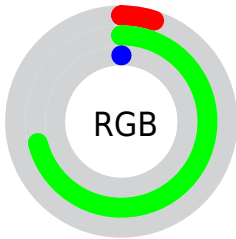
Format	Color
RYB	0, 180, 166
Decimal	963584
CIELab	63.95, -65.66, 64.14
CIELCh	64, 91.786, 135.672
Yxy	32.7359, 0.3018, 0.5986
Android (android.graphics.Color)	4279153664 (0xFF0EB400)
YUV	109.8460, -54.1541, -84.0569
Hunter-Lab	57.2153, -48.6427, 34.4042

Details

The Hex color **0EB400** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **A600B4**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **65ED4C**, and **007D00** is the 20% darker color. If you saturate the color by 10%, you get **0EB400**, and if you desaturate by 10%, it is **1FB412**.

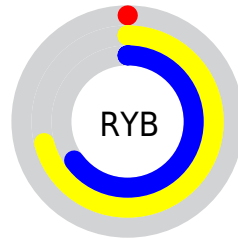
Distribution



Red (5%)

Green (71%)

Blue (0%)



Red (0%)

Yellow (71%)

Blue (65%)

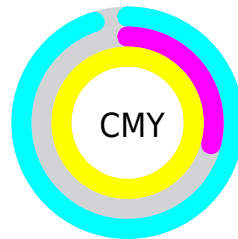


Cyan (92%)

Magenta (0%)

Yellow (100%)

Black (29%)



Cyan (95%)

Magenta (29%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0EB400 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 0EB400 by changing the saturation by 10% instead.

 0EB400

 0EB400

FFFFFF

 009800

 65ED4C

 007D00

 85FF68

 006300

 A4FF84

 004A00

 C2FFA0

 003200

 E1FFBD

 001600

 FFFFDA

 000000

 FFFFF7

 0EB400

 1FB412

 2FB424

 40B436

 50B448

 61B45A

 72B46C

 82B47E

 93B490

 A3B4A2

Harmonies

Analogous

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



94A500



0EB400



00BB6F

Triad

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



0EB400



00B0FF



FF2B74

Complementary

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



0EB400



A600B4

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.



FF36C6



0EB400



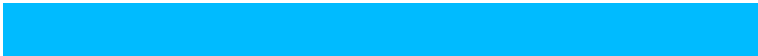
0097FF

Square

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



0EB400



00BBFF



D16DFF



FF5E22

Rectangle

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



0EB400



00BEA9



D16DFF



FF228F

Sweetspot

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



0EB400



AAEBA4



B4A500



4E754B



F5F5F5



757575

Same Dimension

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



0EB400



12EB00



00B44B



515950



0C9900



021A00

Inverse Universe

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



A600B4



D800EB



B40069



595059



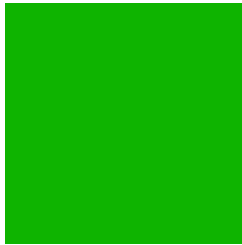
8D0099



18001A

Previews

White Background



This preview shows how the Hex color 0EB400 looks on a white background.

Color Contrast Check

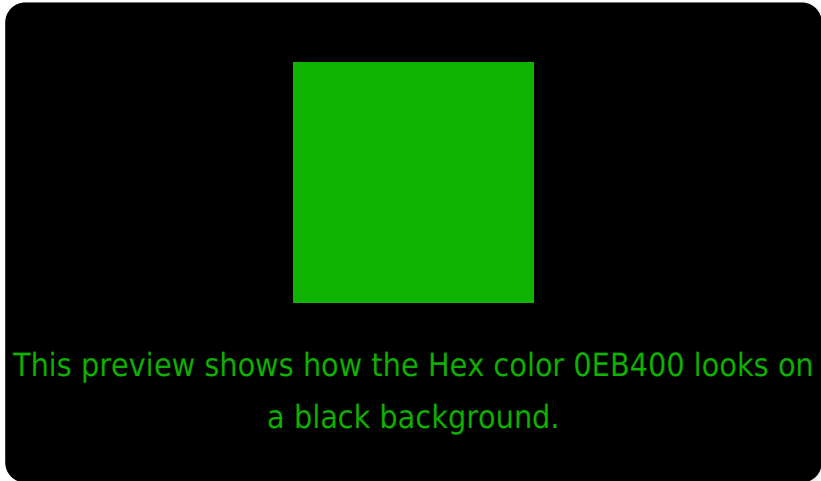
Large Text (above 18pt) WCAG AA × Fail

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 0EB400 Background



This preview shows how black text looks on a background with the Hex color 0EB400.

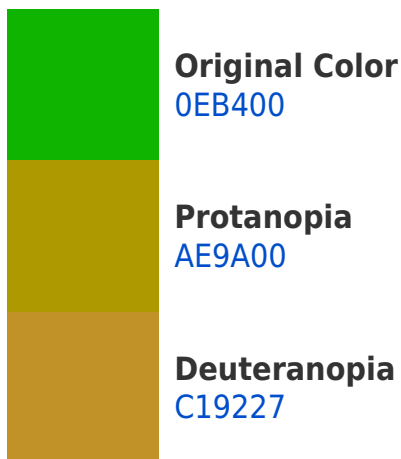


This preview shows how white text looks on a background with the Hex color 0EB400.

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](#).

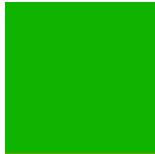
Dichromacy





Tritanopia
4CA7B5

Trichromacy



Original Color
0EB400



Protanomaly
74A300



Deuteranomaly
809E19



Tritanomaly
35AC73

Monochromacy



Original Color
0EB400



Achromatopsia
6E6E6E



Achromatomaly
4B8746

CSS Examples

Text

The CSS property to change the color of the text to Hex 0EB400 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 #0EB400 looks like.

```
.text, #text, p{  
    color:#0EB400  
}
```

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 #0EB400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0EB400
}
```

Border

The CSS property to change the border of an element to Hex 0EB400 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
#0EB400 }
```

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

```
.border{ border-color:#0EB400 }
```

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

Here you see how a box with a 4 pixel #0EB400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0EB400; -webkit-box-shadow:4px 4px  
4px 4px #0EB400; box-shadow:4px 4px 4px  
4px #0EB400 }
```

Background

The CSS property to change the background color of an element to Hex 0EB400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0EB400 }
```

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

```
.background{ background-color:#0EB400 }
```

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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