

# Converting Colors

Hex(1EBF00)

Have a look what the booklet for  
Hex(1EBF00) contains.

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# Color

Hex(1EBF00)

# Conversions

## Conversions Part 1

Format	Color
Hex	1EBF00
RGB	30, 191, 0
RGB Percent	12%, 75%, 0%
CMY	0.8824, 0.2510, 1.0000
CMYK	0.84, 0.00, 1.00, 0.25
HSL	111°, 100%, 37%
HSV	111°, 100%, 75%
XYZ	19.1662, 37.5376, 6.2353
YIQ	121.0870, -34.6450, -93.5330

# Conversions

## Conversions Part 2

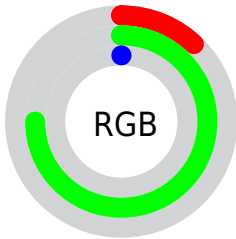
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 191, 161
Decimal	2014976
CIELab	67.68, -67.48, 67.18
CIELCh	68, 95.221, 135.126
Yxy	37.5376, 0.3045, 0.5964
Android (android.graphics.Color)	4280205056 (0xFF1EBF00)
YUV	121.0870, -59.6959, -79.8833
Hunter-Lab	61.2680, -51.3794, 36.8535

# Details

The Hex color **1EBF00** is a dark color, and the websafe version is hex **33CC00**. A complement of this color would be **A100BF**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **6DF94F**, and **008800** is the 20% darker color. If you saturate the color by 10%, you get **1EBF00**, and if you desaturate by 10%, it is **2EBF13**.

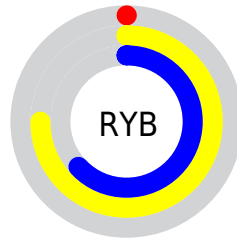
# Distribution



Red (12%)

Green (75%)

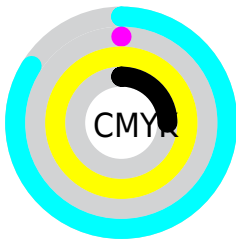
Blue (0%)



Red (0%)

Yellow (75%)

Blue (63%)

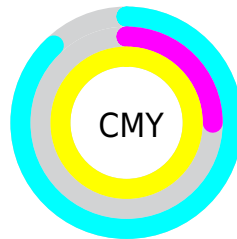


Cyan (84%)

Magenta (0%)

Yellow (100%)

Black (25%)



Cyan (88%)

Magenta (25%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1EBF00 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 1EBF00 by changing the saturation by 10% instead.



 1EBF00

 1EBF00

FFFFFF

 00A300

 6DF94F

 008800

 8DFF6B

 006D00

 ACFF87

 005300

 CBFFA4

 003B00

 EAFFC0

 002200

 FFFFDE

 000000

 FFFFFB

 1EBF00

 2EBF13

 3EBF26

 4EBF39

 5EBF4C

 6EBF60

 7FBF73

 8FBF86

 9FBF99

 AFBFAC

# Harmonies

## Analogous

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



9FAE00



1EBF00



00C775

# Triad

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



1EBF00



00BBFF



FF317E

# Complementary

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



1EBF00



A100BF

# 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.



FF3ED3



1EBF00



00A1FF

# Square

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



1EBF00



00C7FF



DC75FF



FF6529

# Rectangle

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



1EBF00



00C9B2



DC75FF



FF299A

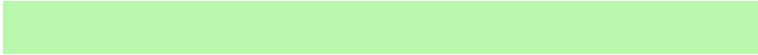


# Sweetspot

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



1EBF00



B9F7AD



BF9F00



577D50



FCFCFC



7D7D7D



# Same Dimension

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



1EBF00



27F700



00BF40



565E55



199E00



051F00



# Inverse Universe

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



A100BF



D000F7



BF007F



5D555E



85009E

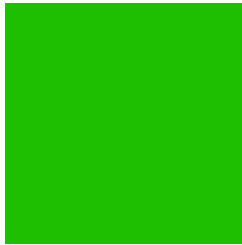


1A001F



# Previews

## White Background



This preview shows how the Hex color 1EBF00 looks on a white background.

## Color Contrast Check

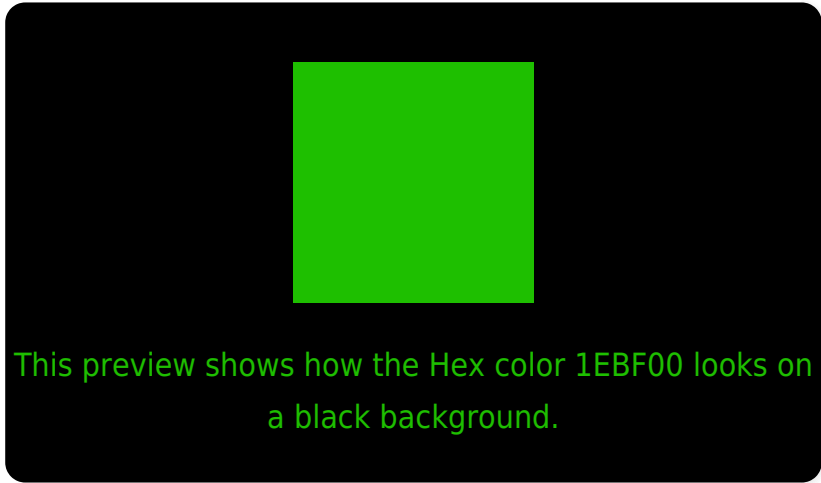
Large Text (above 18pt) WCAG AA × Fail

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 1EBF00 Background



This preview shows how black text looks on a background with the Hex color 1EBF00.

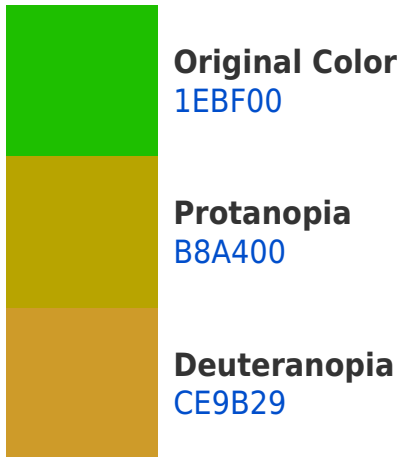


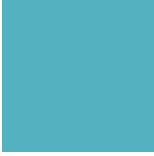
This preview shows how white text looks on a background with the Hex color 1EBF00.

# 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](#).

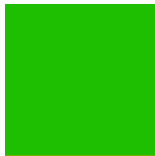
## Dichromacy





**Tritanopia**  
54B2C0

# Trichromacy



**Original Color**  
1EBF00



**Protanomaly**  
80AE00



**Deuteranomaly**  
8EA81A



**Tritanomaly**  
40B77A

# Monochromacy



**Original Color**  
1EBF00



**Achromatopsia**  
797979



**Achromatomaly**  
58924D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1EBF00 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 #1EBF00 looks like.

```
.text, #text, p{  
    color:#1EBF00  
}
```

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 #1EBF00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1EBF00
}
```

## Border

The CSS property to change the border of an element to Hex 1EBF00 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
#1EBF00 }
```

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

```
.border{ border-color:#1EBF00 }
```

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

Here you see how a box with a 4 pixel #1EBF00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1EBF00; -webkit-box-shadow:4px 4px  
4px 4px #1EBF00; box-shadow:4px 4px 4px  
4px #1EBF00 }
```

# Background

The CSS property to change the background color of an element to Hex 1EBF00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1EBF00 }
```

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

```
.background{ background-color:#1EBF00 }
```

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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