

Converting Colors

Hex(1EB000)

Have a look what the booklet for
Hex(1EB000) contains.

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Color

Hex(1EB000)

Conversions

Conversions Part 1

Format	Color
Hex	1EB000
RGB	30, 176, 0
RGB Percent	12%, 69%, 0%
CMY	0.8824, 0.3098, 1.0000
CMYK	0.83, 0.00, 1.00, 0.31
HSL	110°, 100%, 35%
HSV	110°, 100%, 69%
XYZ	16.0608, 31.3267, 5.2002
YIQ	112.2820, -30.5200, -85.6880

Conversions

Conversions Part 2

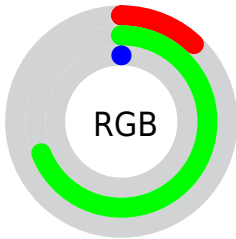
Format	Color
RYB	0, 176, 146
Decimal	2011136
CIELab	62.78, -63.15, 63.27
CIElCh	63, 89.394, 134.948
Yxy	31.3267, 0.3054, 0.5957
Android (android.graphics.Color)	4280201216 (0xFF1EB000)
YUV	112.2820, -55.3550, -72.1613
Hunter-Lab	55.9702, -46.7271, 33.6706

Details

The Hex color **1EB000** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **9200B0**, and the grayscale version is **717171**.

A 20% lighter version of the original color is **69E94B**, and **007A00** is the 20% darker color. If you saturate the color by 10%, you get **1EB000**, and if you desaturate by 10%, it is **2DB012**.

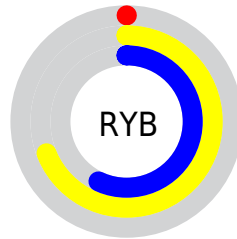
Distribution



Red (12%)

Green (69%)

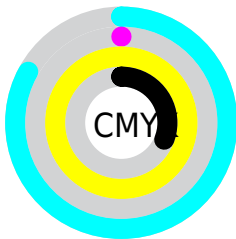
Blue (0%)



Red (0%)

Yellow (69%)

Blue (57%)

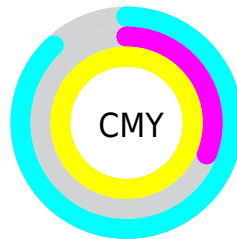


Cyan (83%)

Magenta (0%)

Yellow (100%)

Black (31%)



Cyan (88%)

Magenta (31%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1EB000 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 1EB000 by changing the saturation by 10% instead.

 1EB000

 1EB000

FFFFFF

 009500

 69E94B

 007A00

 88FF67

 006000

 A7FF83

 004600

 C5FF9F

 002F00

 E3FFBC

 001100

 FFFFD8

 000000

 FFFFF6

 1EB000

 2DB012

 3BB023

 4AB035

 58B046

 67B058

 76B06A

 84B07B

 93B08D

 A1B09E

Harmonies

Analogous

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



93A100



1EB000



00B76B

Triad

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



1EB000



00ADFF



FF2D74

Complementary

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



1EB000



9200B0

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.



FF39C3



1EB000



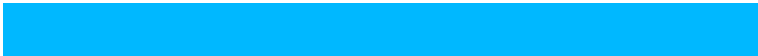
0094FF

Square

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



1EB000



00B8FF



CA6CFF



FF5C26

Rectangle

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



1EB000



00BAA3



CA6CFF



FF268E

Sweetspot

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



1EB000



ACE6A1



B09000



507349



F2F2F2



737373

Same Dimension

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



1EB000



27E600



00B038



525950



1A9900



041A00

Inverse Universe

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



9200B0



BE00E6



B00078



585059



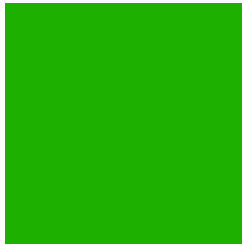
7F0099



15001A

Previews

White Background



This preview shows how the Hex color 1EB000 looks on a white background.

Color Contrast Check

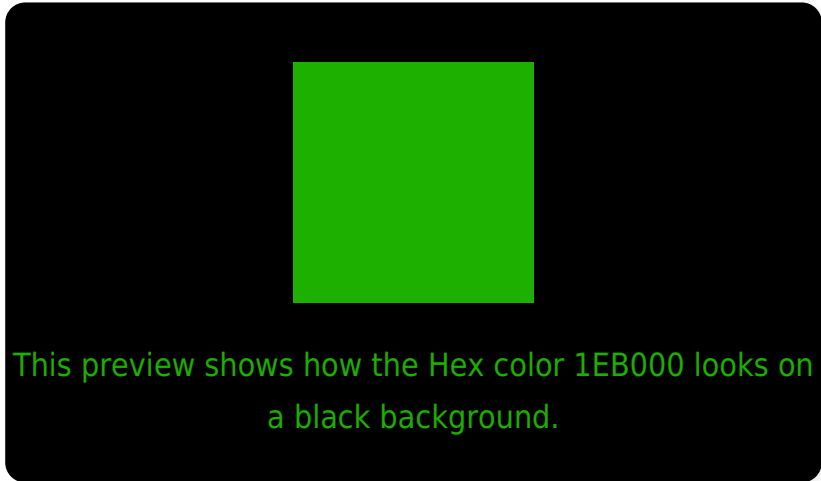
Large Text (above 18pt) WCAG AA × Fail

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 1EB000 Background



This preview shows how black text looks on a background with the Hex color 1EB000.

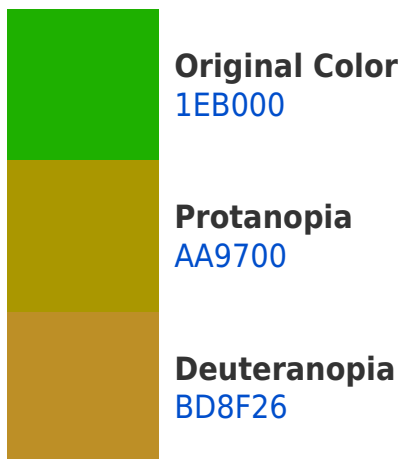


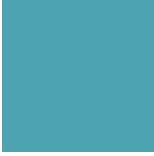
This preview shows how white text looks on a background with the Hex color 1EB000.

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
4EA4B1

Trichromacy



Original Color
1EB000



Protanomaly
77A000



Deuteranomaly
839B18



Tritanomaly
3DA871

Monochromacy



Original Color
1EB000



Achromatopsia
707070



Achromatomaly
528747

CSS Examples

Text

The CSS property to change the color of the text to Hex 1EB000 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 #1EB000 looks like.

```
.text, #text, p{  
    color:#1EB000  
}
```

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 #1EB000 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1EB000
}
```

Border

The CSS property to change the border of an element to Hex 1EB000 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
#1EB000 }
```

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

```
.border{ border-color:#1EB000 }
```

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

Here you see how a box with a 4 pixel #1EB000 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1EB000; -webkit-box-shadow:4px 4px  
4px 4px #1EB000; box-shadow:4px 4px 4px  
4px #1EB000 }
```

Background

The CSS property to change the background color of an element to Hex 1EB000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1EB000 }
```

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

```
.background{ background-color:#1EB000 }
```

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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