

Converting Colors

Hex(1EEB1E)

Have a look what the booklet for
Hex(1EEB1E) contains.

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Color

Hex(1EEB1E)

Conversions

Conversions Part 1

Format	Color
Hex	1EEB1E
RGB	30, 235, 30
RGB Percent	12%, 92%, 12%
CMY	0.8824, 0.0784, 0.8824
CMYK	0.87, 0.00, 0.87, 0.08
HSL	120°, 84%, 52%
HSV	120°, 87%, 92%
XYZ	30.4781, 59.7864, 11.1619
YIQ	150.3350, -56.3750, -107.2150

Conversions

Conversions Part 2

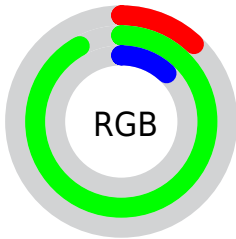
Format	Color
R_{YB}	30, 235, 235
Decimal	2026270
CIE Lab	81.72, -78.98, 74.88
CIE LCh	82, 108.839, 136.527
Yxy	59.7864, 0.3005, 0.5895
Android (android.graphics.Color)	4280216350 (0xFF1EEB1E)
YUV	150.3350, -59.3252, -105.5338
Hunter-Lab	77.3217, -64.9531, 45.5663

Details

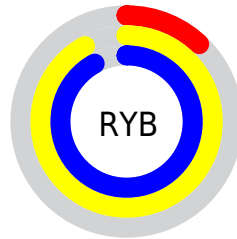
The Hex color **1EEB1E** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **EB1EEB**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **78FF62**, and **00B100** is the 20% darker color. If you saturate the color by 10%, you get **06EB06**, and if you desaturate by 10%, it is **36EB36**.

Distribution



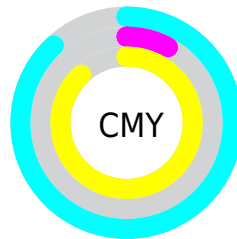
- Red (12%)
- Green (92%)
- Blue (12%)



- Red (12%)
- Yellow (92%)
- Blue (92%)



- Cyan (87%)
- Magenta (0%)
- Yellow (87%)
- Black (8%)



- Cyan (88%)
- Magenta (8%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1EEB1E 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 1EEB1E by changing the saturation by 10% instead.

 1EEB1E

 1EEB1E


FFFFFF

 00CE00

 78FF62

 00B100

 9AFF7F

 009500

 BBFF9C

 007A00

 DBFFBA

 005F00

 FBFFD7

 004600


 FFFFF5

 002C00

 000C00

 000000

 1EEB1E

 1EEB1E

 06EB06

 36EB36

 00EB00

 4DEB4D

 65EB65

 7CEB7C

 93EB93

 ABEBAB

 C3EBC3

 DAEFDA

 F2EBF2

Harmonies

Analogous

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



C0D800



1EEB1E



00F498

Triad

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



1EEB1E



00E5FF



FF4998

Complementary

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



1EEB1E



EB1EEB

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.



FF52FE



1EEB1E



00C4FF

Square

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



1EEB1E



00F4FF



FF90FF



FF8333

Rectangle

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



1EEB1E



00F7E0



FF90FF



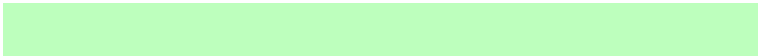
FF3FBA

Sweetspot

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



1EEB1E



BDFFBF



EBEB1E



588058



000000



808080

Same Dimension

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



1EEB1E



00FF00



1EEB84



6A756A



00B500



003600

Inverse Universe

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



EB1EEB



FF00FF



EB1E84



756A75



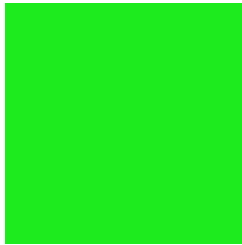
B500B5



360036

Previews

White Background



This preview shows how the Hex color 1EEB1E 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 1EEB1E 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 1EEB1E Background



This preview shows how black text looks on a background with the Hex color 1EEB1E.

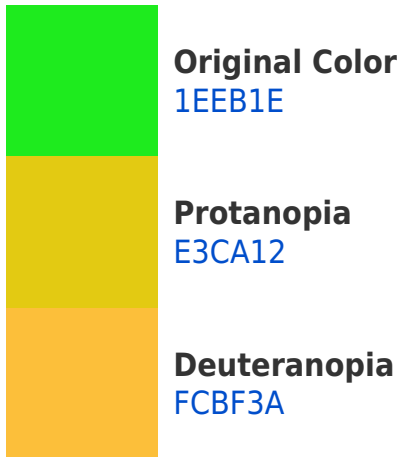


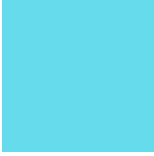
This preview shows how white text looks on a background with the Hex color 1EEB1E.

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](#).

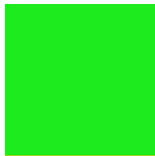
Dichromacy





Tritanopia
65DBEC

Trichromacy



Original Color
1EEB1E



Protanomaly
9BD616

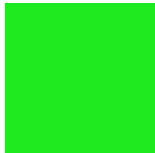


Deuteranomaly
ABCF30



Tritanomaly
4BE1A1

Monochromacy



Original Color
1EEB1E



Achromatopsia
969696



Achromatomaly
6AB56A

CSS Examples

Text

The CSS property to change the color of the text to Hex 1EEB1E 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 #1EEB1E looks like.

```
.text, #text, p{  
    color:#1EEB1E  
}
```

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 #1EEB1E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1EEB1E
}
```

Border

The CSS property to change the border of an element to Hex 1EEB1E 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
#1EEB1E }
```

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

```
.border{ border-color:#1EEB1E }
```

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

Here you see how a box with a 4 pixel #1EEB1E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1EEB1E; -webkit-box-shadow:4px 4px  
4px 4px #1EEB1E; box-shadow:4px 4px 4px  
4px #1EEB1E }
```

Background

The CSS property to change the background color of an element to Hex 1EEB1E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1EEB1E }
```

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

```
.background{ background-color:#1EEB1E }
```

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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