

# Converting Colors

Hex(1BBE2E)

Have a look what the booklet for  
Hex(1BBE2E) contains.

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**Color**

**Hex(1BBE2E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1BBE2E
RGB	27, 190, 46
RGB Percent	11%, 75%, 18%
CMY	0.8941, 0.2549, 0.8196
CMYK	0.86, 0.00, 0.76, 0.25
HSL	127°, 75%, 43%
HSV	127°, 86%, 75%
XYZ	19.3586, 37.2572, 8.7558
YIQ	124.8470, -50.9240, -79.3400

# Conversions

## Conversions Part 2

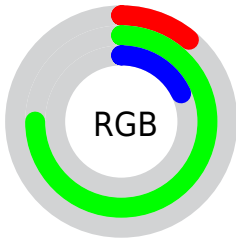
Format	Color
<a href="#">RYB</a>	<a href="#">27, 173, 190</a>
Decimal	<a href="#">1818158</a>
CIELab	<a href="#">67.47, -65.60, 57.59</a>
CIELCh	<a href="#">67, 87.291, 138.722</a>
Yxy	<a href="#">37.2572, 0.2961, 0.5699</a>
Android (android.graphics.Color)	<a href="#">4280008238 (0xFF1BBE2E)</a>
YUV	<a href="#">124.8470, -38.8716, -85.8118</a>
Hunter-Lab	<a href="#">61.0387, -50.2058, 34.2221</a>

# Details

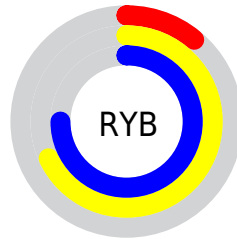
The Hex color **1BBE2E** is a dark color, and the websafe version is hex **33CC33**. A complement of this color would be **BE1BAB**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **6BF866**, and **008700** is the 20% darker color. If you saturate the color by 10%, you get **08BE1D**, and if you desaturate by 10%, it is **2EBE3F**.

# Distribution



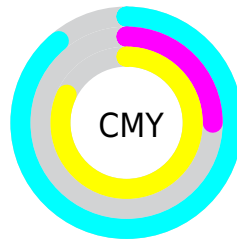
- Red (11%)
- Green (75%)
- Blue (18%)



- Red (11%)
- Yellow (68%)
- Blue (75%)



- Cyan (86%)
- Magenta (0%)
- Yellow (76%)
- Black (25%)



- Cyan (89%)
- Magenta (25%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1BBE2E 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 1BBE2E by changing the saturation by 10% instead.



 1BBE2E

 1BBE2E

FFFFFF

 00A208

 6BF866

 008700

 8AFF81

 006C00

 A9FF9D

 005200

 C7FFB9

 003A00

 E6FFD5

 002100

 FFFFF3

 000000

 1BBE2E

 1BBE2E

 08BE1D

 2EBE3F

 00BE16

 41BE50

 54BE60

 67BE71

 7ABE82

 8DBE93

 A0BEA3

 B3BEB4

 C6BEC5

# Harmonies

## Analogous

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



97AF00



1BBE2E



00C583

# Triad

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



1BBE2E



00B6FF



FF4B77

# Complementary

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



1BBE2E



BE1BAB

# 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.



FF4CC6



1BBE2E



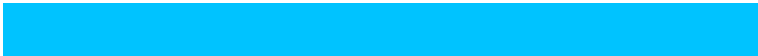
4D9DFF

# Square

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



1BBE2E



00C3FF



E375FF



FF712B

# Rectangle

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



1BBE2E



00C7BA



E375FF



FF4491

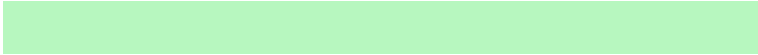


# Sweetspot

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



1BBE2E



B7F7BF



AEBE1B



567D5B



FCFCFC



7D7D7D



# Same Dimension

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



1BBE2E



00F71D



1BBE7D



555E56



009E12



001F04



# Inverse Universe

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



BE1BAB



F700DB



BE1B5C



5E555D



9E008C

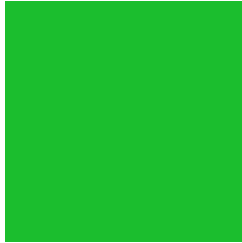


1F001B



# Previews

## White Background



This preview shows how the Hex color 1BBE2E looks on a white background.

## Color Contrast Check

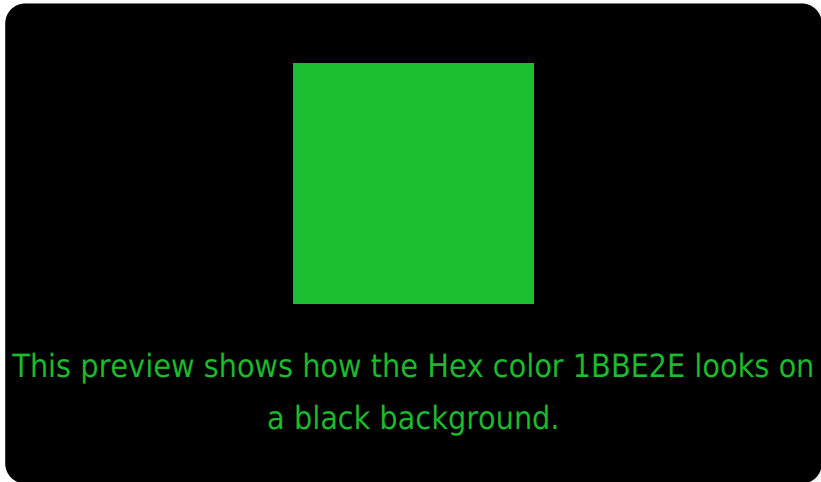
Large Text (above 18pt) WCAG AA × Fail

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 1BBE2E Background



This preview shows how black text looks on a background with the Hex color 1BBE2E.

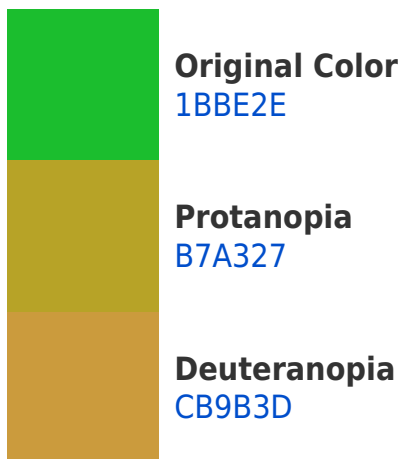


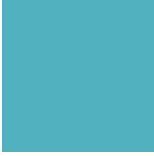
This preview shows how white text looks on a background with the Hex color 1BBE2E.

# 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**  
52B1BF

# Trichromacy



**Original Color**  
1BBE2E



**Protanomaly**  
7EAD2A



**Deuteranomaly**  
8BA838



**Tritanomaly**  
3EB68A

# Monochromacy



**Original Color**  
1BBE2E



**Achromatopsia**  
7D7D7D



**Achromatomaly**  
599560

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1BBE2E 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 #1BBE2E looks like.

```
.text, #text, p{  
    color:#1BBE2E  
}
```

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 #1BBE2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1BBE2E
}
```

## Border

The CSS property to change the border of an element to Hex 1BBE2E 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
#1BBE2E }
```

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

```
.border{ border-color:#1BBE2E }
```

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

Here you see how a box with a 4 pixel #1BBE2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1BBE2E; -webkit-box-shadow:4px 4px  
4px 4px #1BBE2E; box-shadow:4px 4px 4px  
4px #1BBE2E }
```

# Background

The CSS property to change the background color of an element to Hex 1BBE2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1BBE2E }
```

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

```
.background{ background-color:#1BBE2E }
```

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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