

Converting Colors

Hex(1BF34A)

Have a look what the booklet for
Hex(1BF34A) contains.

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Color

Hex(1BF34A)

Conversions

Conversions Part 1

Format	Color
Hex	1BF34A
RGB	27, 243, 74
RGB Percent	11%, 95%, 29%
CMY	0.8941, 0.0471, 0.7098
CMYK	0.89, 0.00, 0.70, 0.05
HSL	133°, 90%, 53%
HSV	133°, 89%, 95%
XYZ	33.7386, 64.8286, 17.2135
YIQ	159.1500, -74.4870, -98.3510

Conversions

Conversions Part 2

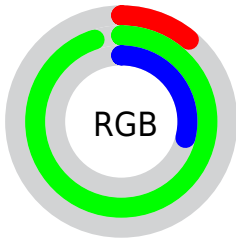
Format	Color
R _{YB}	27, 204, 243
Decimal	1831754
CIE Lab	84.40, -78.71, 64.95
CIE LCh	84, 102.052, 140.472
Yxy	64.8286, 0.2914, 0.5599
Android (android.graphics.Color)	4280021834 (0xFF1BF34A)
YUV	159.1500, -41.9790, -115.8956
Hunter-Lab	80.5162, -66.1067, 43.6858

Details

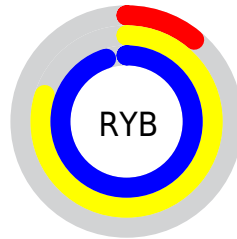
The Hex color **1BF34A** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **F31BC4**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **78FF83**, and **00B900** is the 20% darker color. If you saturate the color by 10%, you get **03F337**, and if you desaturate by 10%, it is **33F35D**.

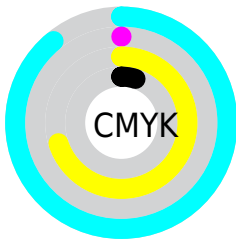
Distribution



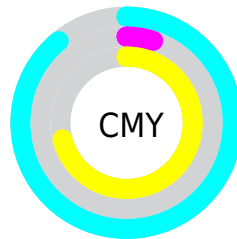
- Red (11%)
- Green (95%)
- Blue (29%)



- Red (11%)
- Yellow (80%)
- Blue (95%)



- Cyan (89%)
- Magenta (0%)
- Yellow (70%)
- Black (5%)



- Cyan (89%)
- Magenta (5%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1BF34A 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 1BF34A by changing the saturation by 10% instead.

 1BF34A

 1BF34A

FFFFFF

 00D62B

 78FF83

 00B900

 9AFF9F

 009D00

 BAFFBB

 008100

 DAFFD8

 006600

 FAFFF6

 004C00

 003400

 001800

 000000

 1BF34A

 1BF34A

 03F337

 33F35D

 00F335

 4CF370

 64F383

 7CF396

 94F3A9

 ADF3BC

 C5F3CF

 DDF3E2

 F6F3F5

Harmonies

Analogous

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



BEE200



1BF34A



00FB00

Triad

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



1BF34A



00E7FF



FF6A96

Complementary

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



1BF34A



F31BC4

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.



FF67F6



1BF34A



81C7FF

Square

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



1BF34A



00F8FF



FF96FF



FF9839

Rectangle

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



1BF34A



00DF3



FF96FF



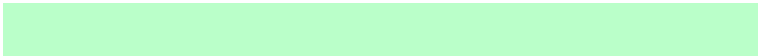
FF61B5

Sweetspot

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



1BF34A



BAFFC9



C4F31B



578060



000000



808080

Same Dimension

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



1BF34A



00FF37



1BF3B6



6E7A71



00BA29



003B0D

Inverse Universe

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



F31BC4



FF00C8



F31B58



7A6E78



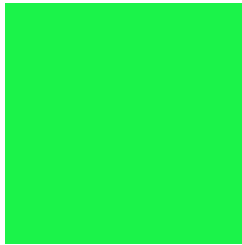
BA0092



3B002E

Previews

White Background



This preview shows how the Hex color 1BF34A 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 1BF34A 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 1BF34A Background



This preview shows how black text looks on a background with the Hex color 1BF34A.

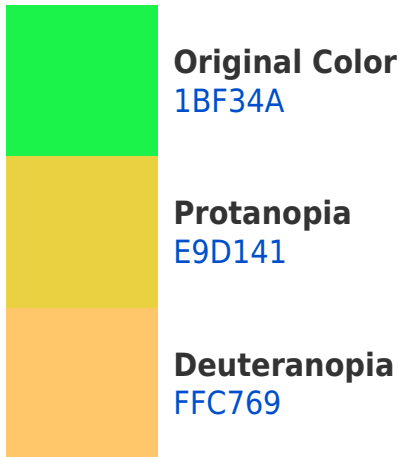


This preview shows how white text looks on a background with the Hex color 1BF34A.

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](#).

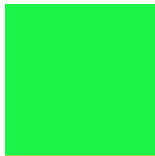
Dichromacy





Tritanopia
66E3F5

Trichromacy



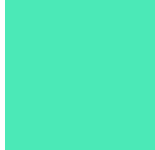
Original Color
1BF34A



Protanomaly
9EDD44



Deuteranomaly
ACD75E

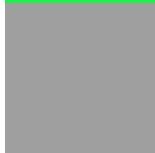


Tritanomaly
4BE9B7

Monochromacy



Original Color
1BF34A



Achromatopsia
9F9F9F



Achromatomaly
6FBE80

CSS Examples

Text

The CSS property to change the color of the text to Hex 1BF34A 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 #1BF34A looks like.

```
.text, #text, p{  
    color:#1BF34A  
}
```

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 #1BF34A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1BF34A
}
```

Border

The CSS property to change the border of an element to Hex 1BF34A 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
#1BF34A }
```

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

```
.border{ border-color:#1BF34A }
```

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

Here you see how a box with a 4 pixel #1BF34A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1BF34A; -webkit-box-shadow:4px 4px  
4px 4px #1BF34A; box-shadow:4px 4px 4px  
4px #1BF34A }
```

Background

The CSS property to change the background color of an element to Hex 1BF34A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1BF34A }
```

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

```
.background{ background-color:#1BF34A }
```

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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