

Converting Colors

Hex(1BE35B)

Have a look what the booklet for
Hex(1BE35B) contains.

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Color

Hex(1BE35B)

Conversions

Conversions Part 1

Format	Color
Hex	1BE35B
RGB	27, 227, 91
RGB Percent	11%, 89%, 36%
CMY	0.8941, 0.1098, 0.6431
CMYK	0.88, 0.00, 0.60, 0.11
HSL	139°, 79%, 50%
HSV	139°, 88%, 89%
XYZ	29.8094, 55.9265, 19.1213
YIQ	151.6960, -75.5440, -84.6960

Conversions

Conversions Part 2

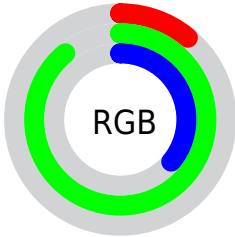
Format	Color
RYB	27, 179, 227
Decimal	1827675
CIELab	79.57, -72.24, 52.78
CIELCh	80, 89.465, 143.847
Yxy	55.9265, 0.2843, 0.5334
Android (android.graphics.Color)	4280017755 (0xFF1BE35B)
YUV	151.6960, -29.9231, -109.3584
Hunter-Lab	74.7840, -59.7208, 37.1891

Details

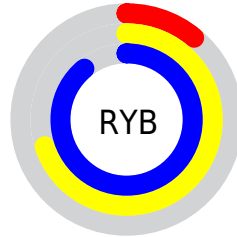
The Hex color **1BE35B** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **E31BA3**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **73FF91**, and **00AA24** is the 20% darker color. If you saturate the color by 10%, you get **04E34C**, and if you desaturate by 10%, it is **32E36A**.

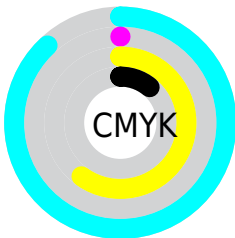
Distribution



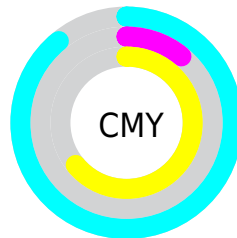
- Red (11%)
- Green (89%)
- Blue (36%)



- Red (11%)
- Yellow (70%)
- Blue (89%)



- Cyan (88%)
- Magenta (0%)
- Yellow (60%)
- Black (11%)



- Cyan (89%)
- Magenta (11%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1BE35B 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 1BE35B by changing the saturation by 10% instead.

 1BE35B

 1BE35B

FFFFFF

 00C640

 73FF91

 00AA24

 94FFAD

 008E00

 B3FFC9

 007300

 D3FFE6

 005900

 F2FFFF

 004000

 002700

 000000

 1BE35B

 1BE35B

 04E34C

 32E36A

 00E349

 48E37A

 5FE389

 76E399

 8CE3A8

 A3E3B8

 BAE3C7

 D1E3D6

 E7E3E6

Harmonies

Analogous

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



ABD400



1BE35B



00EAB1

Triad

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



1BE35B



00D4FF



FF7487

Complementary

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



1BE35B



E31BA3

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.



FF6DDA



1BE35B



9EB7FF

Square

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



1BE35B



00E5FF



FF8EFF



FF983A

Rectangle

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



1BE35B



00EBEB



FF8EFF



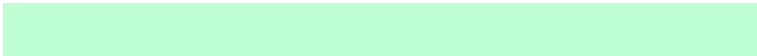
FF6CA2

Sweetspot

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



1BE35B



BDFFD2



A4E31B



588065



000000



808080

Same Dimension

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



1BE35B



00FF52



1BE3BE



67736B



00B339



003310

Inverse Universe

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



E31BA3



FF00AD



E31B40



73676F



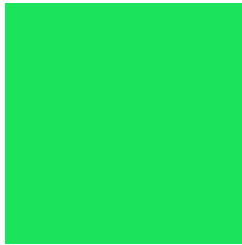
B30079



330023

Previews

White Background



This preview shows how the Hex color 1BE35B 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 1BE35B 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

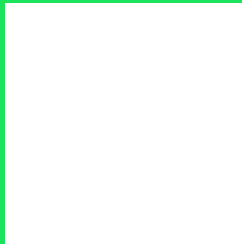
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 1BE35B Background



This preview shows how black text looks on a background with the Hex color 1BE35B.

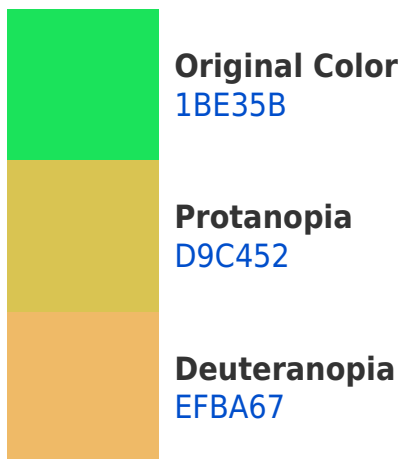


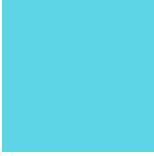
This preview shows how white text looks on a background with the Hex color 1BE35B.

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](#).

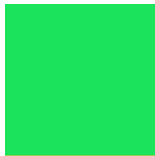
Dichromacy





Tritanopia
5DD5E6

Trichromacy



Original Color
1BE35B



Protanomaly
94CF55



Deuteranomaly
A2C963



Tritanomaly
45DAB3

Monochromacy



Original Color
1BE35B



Achromatopsia
989898



Achromatomaly
6BB382

CSS Examples

Text

The CSS property to change the color of the text to Hex 1BE35B 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 #1BE35B looks like.

```
.text, #text, p{  
    color:#1BE35B  
}
```

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 #1BE35B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1BE35B
}
```

Border

The CSS property to change the border of an element to Hex 1BE35B 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
#1BE35B }
```

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

```
.border{ border-color:#1BE35B }
```

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

Here you see how a box with a 4 pixel #1BE35B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1BE35B; -webkit-box-shadow:4px 4px  
4px 4px #1BE35B; box-shadow:4px 4px 4px  
4px #1BE35B }
```

Background

The CSS property to change the background color of an element to Hex 1BE35B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1BE35B }
```

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

```
.background{ background-color:#1BE35B }
```

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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