

Converting Colors

Hex(1BCE6D)

Have a look what the booklet for
Hex(1BCE6D) contains.

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Color

Hex(1BCE6D)

Conversions

Conversions Part 1

Format	Color
Hex	1BCE6D
RGB	27, 206, 109
RGB Percent	11%, 81%, 43%
CMY	0.8941, 0.1922, 0.5725
CMYK	0.87, 0.00, 0.47, 0.19
HSL	147°, 77%, 46%
HSV	147°, 87%, 81%
XYZ	25.2836, 45.4798, 21.9139
YIQ	141.4210, -75.5470, -68.1150

Conversions

Conversions Part 2

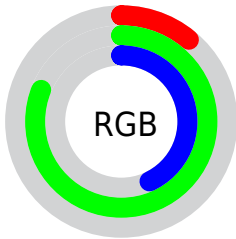
Format	Color
RYB	27, 150, 206
Decimal	1822317
CIELab	73.21, -62.95, 36.60
CIELCh	73, 72.812, 149.825
Yxy	45.4798, 0.2728, 0.4907
Android (android.graphics.Color)	4280012397 (0xFF1BCE6D)
YUV	141.4210, -15.9836, -100.3472
Hunter-Lab	67.4387, -51.0958, 27.9411

Details

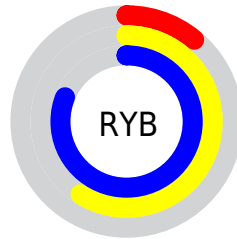
The Hex color **1BCE6D** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **CE1B7C**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **6CFFA2**, and **00963B** is the 20% darker color. If you saturate the color by 10%, you get **06CE62**, and if you desaturate by 10%, it is **30CE78**.

Distribution



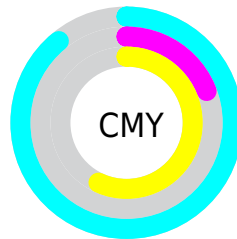
- Red (11%)
- Green (81%)
- Blue (43%)



- Red (11%)
- Yellow (59%)
- Blue (81%)



- Cyan (87%)
- Magenta (0%)
- Yellow (47%)
- Black (19%)



- Cyan (89%)
- Magenta (19%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1BCE6D 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 1BCE6D by changing the saturation by 10% instead.

 1BCE6D

 1BCE6D

FFFFFF

 00B254

 6CFFA2

 00963B

 8CFFBD

 007B22

 ABFFD9

 006107

 CAFFF6

 004700

 E9FFFF

 003000

 001300

 000000

 1BCE6D

 1BCE6D

 06CE62

 30CE78

 00CE5E

 44CE83

 59CE8E

 6DCE9A

 82CEA5

 97CEB0

 ABCEBB

 C0CEC6

 D4CED1

Harmonies

Analogous

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



93C332



1BCE6D



00D3B1

Triad

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



1BCE6D



00BCFF



FF7C75

Complementary

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



1BCE6D



CE1B7C

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.



FF72B7



1BCE6D



B2A2FF

Square

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



1BCE6D



00CBFF



FF84F8



FF963D

Rectangle

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



1BCE6D



00D3DF



FF84F8



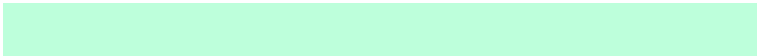
FF768B

Sweetspot

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



1BCE6D



BDFFD8



7DCE1B



58806A



000000



808080

Same Dimension

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



1BCE6D



00FF75



1BCEC5



5C6660



00A64C



002612

Inverse Universe

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



CE1B7C



FF008A



CE1B24



665C61



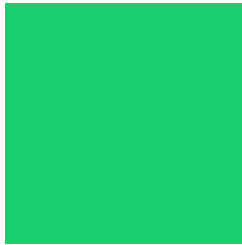
A6005A



260015

Previews

White Background



This preview shows how the Hex color 1BCE6D looks on a white background.

Color Contrast Check

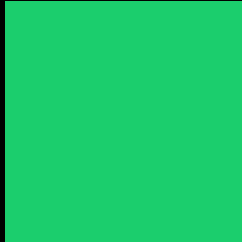
Large Text (above 18pt) WCAG AA × Fail

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 1BCE6D 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 1BCE6D Background



This preview shows how black text looks on a background with the Hex color 1BCE6D.

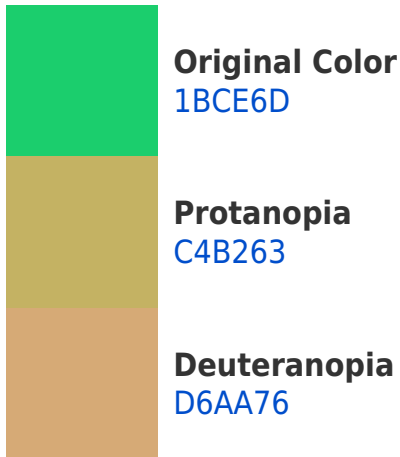


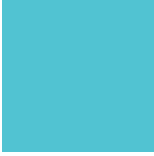
This preview shows how white text looks on a background with the Hex color 1BCE6D.

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
51C3D2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1BCE6D 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 #1BCE6D looks like.

```
.text, #text, p{  
    color:#1BCE6D  
}
```

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 #1BCE6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1BCE6D
}
```

Border

The CSS property to change the border of an element to Hex 1BCE6D 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
#1BCE6D }
```

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

```
.border{ border-color:#1BCE6D }
```

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

Here you see how a box with a 4 pixel #1BCE6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1BCE6D; -webkit-box-shadow:4px 4px  
4px 4px #1BCE6D; box-shadow:4px 4px 4px  
4px #1BCE6D }
```

Background

The CSS property to change the background color of an element to Hex 1BCE6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1BCE6D }
```

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

```
.background{ background-color:#1BCE6D }
```

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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