

Converting Colors

Hex(1BD317)

Have a look what the booklet for
Hex(1BD317) contains.

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Color

Hex(1BD317)

Conversions

Conversions Part 1

Format	Color
Hex	1BD317
RGB	27, 211, 23
RGB Percent	11%, 83%, 9%
CMY	0.8941, 0.1725, 0.9098
CMYK	0.87, 0.00, 0.89, 0.17
HSL	119°, 80%, 46%
HSV	119°, 89%, 83%
XYZ	23.9009, 46.8834, 8.6003
YIQ	134.5520, -49.3160, -97.4760

Conversions

Conversions Part 2

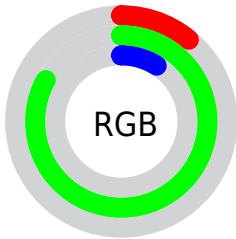
Format	Color
<code>RYB</code>	<code>23, 211, 207</code>
Decimal	<code>1823511</code>
CIELab	<code>74.12, -72.83, 69.56</code>
CIELCh	<code>74, 100.713, 136.317</code>
Yxy	<code>46.8834, 0.3011, 0.5906</code>
Android (<code>android.graphics.Color</code>)	<code>4280013591 (0xFF1BD317)</code>
YUV	<code>134.5520, -54.9951, -94.3231</code>
Hunter-Lab	<code>68.4715, -57.5171, 40.4829</code>

Details

The Hex color **1BD317** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **CF17D3**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **71FF5A**, and **009B00** is the 20% darker color. If you saturate the color by 10%, you get **06D302**, and if you desaturate by 10%, it is **30D32C**.

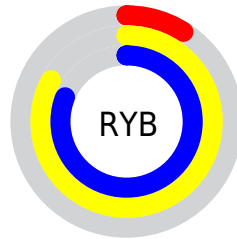
Distribution



Red (11%)

Green (83%)

Blue (9%)



Red (9%)

Yellow (83%)

Blue (81%)

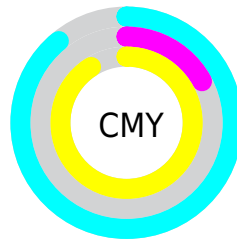


Cyan (87%)

Magenta (0%)

Yellow (89%)

Black (17%)



Cyan (89%)

Magenta (17%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1BD317 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 1BD317 by changing the saturation by 10% instead.

 1BD317

 1BD317

FFFFFF

 00B700

 71FF5A

 009B00

 92FF77

 007F00

 B2FF94

 006500

 D1FFB0

 004B00

 F0FFCD

 003300

 FFFFEB

 001700

 000000

 1BD317

 1BD317

 06D302

 30D32C

 04D300

 44D341

 59D356

 6ED36B

 82D381

 97D396

 ACD3AB

 C0D3C0

 D5D3D5

Harmonies

Analogous

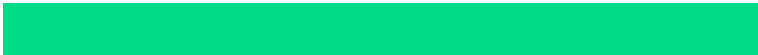
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



ADC200



1BD317



00DB87

Triad

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



1BD317



00CEFF



FF3F88

Complementary

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



1BD317



CF17D3

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.



FF48E5



1BD317



00B0FF

Square

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



1BD317



00DBFF



F681FF



FF742D

Rectangle

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



1BD317



00DEC8



F681FF



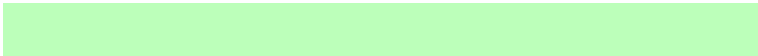
FF36A7

Sweetspot

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



1BD317



BCFFBA



D3CD17



588057



000000



808080

Same Dimension

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



1BD317



05FF00



17D36F



5E695E



04A800



012900

Inverse Universe

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



CF17D3



FA00FF



D3177B



685E69



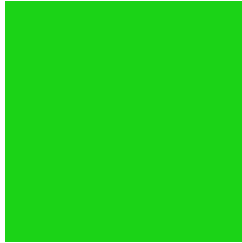
A500A8



280029

Previews

White Background



This preview shows how the Hex color 1BD317 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 1BD317 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 1BD317 Background



This preview shows how black text looks on a background with the Hex color 1BD317.

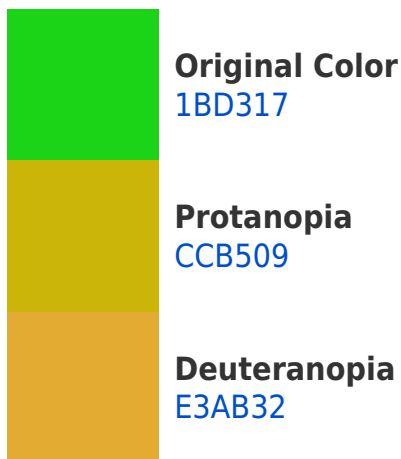


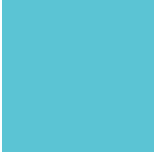
This preview shows how white text looks on a background with the Hex color 1BD317.

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](#).

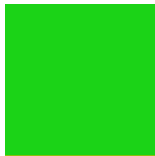
Dichromacy





Tritanopia
5BC4D4

Trichromacy



Original Color
1BD317



Protanomaly
8CC00E

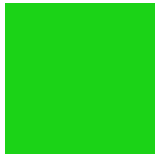


Deuteranomaly
9ABA28



Tritanomaly
44C98F

Monochromacy



Original Color
1BD317



Achromatopsia
878787



Achromatomaly
60A35E

CSS Examples

Text

The CSS property to change the color of the text to Hex 1BD317 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 #1BD317 looks like.

```
.text, #text, p{  
    color:#1BD317  
}
```

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 #1BD317 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1BD317
}
```

Border

The CSS property to change the border of an element to Hex 1BD317 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
#1BD317 }
```

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

```
.border{ border-color:#1BD317 }
```

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

Here you see how a box with a 4 pixel #1BD317 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1BD317; -webkit-box-shadow:4px 4px  
4px 4px #1BD317; box-shadow:4px 4px 4px  
4px #1BD317 }
```

Background

The CSS property to change the background color of an element to Hex 1BD317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1BD317 }
```

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

```
.background{ background-color:#1BD317 }
```

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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