

Converting Colors

Hex(1BD829)

Have a look what the booklet for
Hex(1BD829) contains.

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Color

Hex(1BD829)

Conversions

Conversions Part 1

Format	Color
Hex	1BD829
RGB	27, 216, 41
RGB Percent	11%, 85%, 16%
CMY	0.8941, 0.1529, 0.8392
CMYK	0.88, 0.00, 0.81, 0.15
HSL	124°, 78%, 48%
HSV	124°, 88%, 85%
XYZ	25.4081, 49.5048, 10.3141
YIQ	139.5390, -56.4690, -94.4930

Conversions

Conversions Part 2

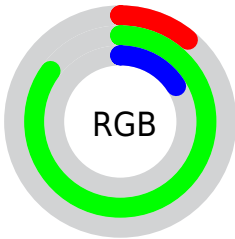
Format	Color
RYB	27, 203, 216
Decimal	1824809
CIELab	75.76, -73.44, 67.04
CIELCh	76, 99.442, 137.608
Yxy	49.5048, 0.2981, 0.5809
Android (android.graphics.Color)	4280014889 (0xFF1BD829)
YUV	139.5390, -48.5797, -98.6967
Hunter-Lab	70.3597, -58.6700, 40.5604

Details

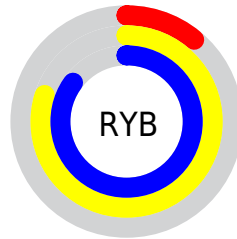
The Hex color **1BD829** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **D81BCA**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **72FF66**, and **009F00** is the 20% darker color. If you saturate the color by 10%, you get **05D815**, and if you desaturate by 10%, it is **31D83D**.

Distribution



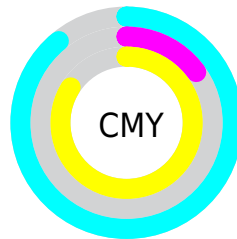
- Red (11%)
- Green (85%)
- Blue (16%)



- Red (11%)
- Yellow (80%)
- Blue (85%)



- Cyan (88%)
- Magenta (0%)
- Yellow (81%)
- Black (15%)



- Cyan (89%)
- Magenta (15%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1BD829 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 1BD829 by changing the saturation by 10% instead.



1BD829



1BD829

FFFFFF



00BB00



72FF66



009F00



93FF82



008400



B3FF9E



006900



D2FFBB



004F00



F1FFD8



003700



FFFFF6



001D00



000000



1BD829



1BD829

 05D815

 31D83D

 00D810

 46D851

 5CD865

 71D879

 87D88D

 9DD8A1

 B2D8B5

 C8D8C9

 DDD8DD

Harmonies

Analogous

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



AEC700



1BD829



00E090

Triad

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



1BD829



00D1FF



FF4C89

Complementary

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



1BD829



D81BCA

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.



FF50E5



1BD829



38B3FF

Square

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



1BD829



00DFFF



FF85FF



FF7C2F

Rectangle

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



1BD829



00E2D1



FF85FF



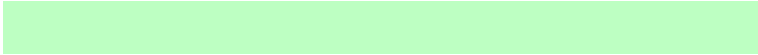
FF44A8

Sweetspot

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



1BD829



BDFFC2



CBD81B



58805B



000000



808080

Same Dimension

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



1BD829



00FF13



1BD886



606B61



00AB0D



002B03

Inverse Universe

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



D81BCA



FF00EC



D81B6D



6B606A



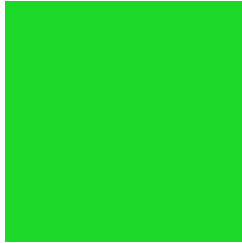
AB009E



2B0028

Previews

White Background



This preview shows how the Hex color 1BD829 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 1BD829 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 1BD829 Background



This preview shows how black text looks on a background with the Hex color 1BD829.

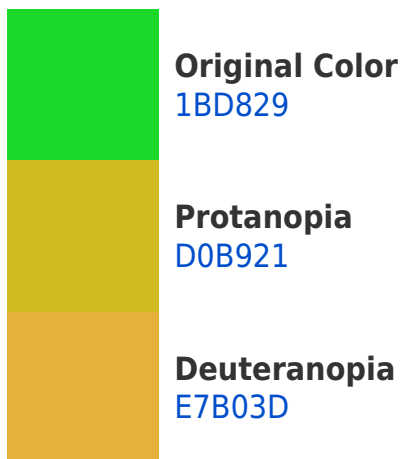


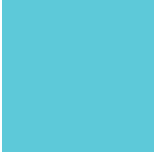
This preview shows how white text looks on a background with the Hex color 1BD829.

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](#).

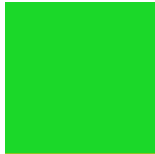
Dichromacy





Tritanopia
5DC9D9

Trichromacy



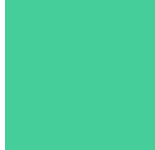
Original Color
1BD829



Protanomaly
8EC424



Deuteranomaly
9DBF36



Tritanomaly
45CE99

Monochromacy



Original Color
1BD829



Achromatopsia
8C8C8C



Achromatomaly
63A868

CSS Examples

Text

The CSS property to change the color of the text to Hex 1BD829 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 #1BD829 looks like.

```
.text, #text, p{  
    color:#1BD829  
}
```

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 #1BD829 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1BD829
}
```

Border

The CSS property to change the border of an element to Hex 1BD829 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
#1BD829 }
```

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

```
.border{ border-color:#1BD829 }
```

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

Here you see how a box with a 4 pixel #1BD829 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1BD829; -webkit-box-shadow:4px 4px  
4px 4px #1BD829; box-shadow:4px 4px 4px  
4px #1BD829 }
```

Background

The CSS property to change the background color of an element to Hex 1BD829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1BD829 }
```

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

```
.background{ background-color:#1BD829 }
```

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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