

Converting Colors

Hex(1BD76A)

Have a look what the booklet for
Hex(1BD76A) contains.

Hex(1BD76A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1BD76A)

Conversions

Conversions Part 1

Format	Color
Hex	1BD76A
RGB	27, 215, 106
RGB Percent	11%, 84%, 42%
CMY	0.8941, 0.1569, 0.5843
CMYK	0.87, 0.00, 0.51, 0.16
HSL	145°, 78%, 47%
HSV	145°, 87%, 84%
XYZ	27.3540, 49.8745, 21.8207
YIQ	146.3620, -77.0590, -73.7550

Conversions

Conversions Part 2

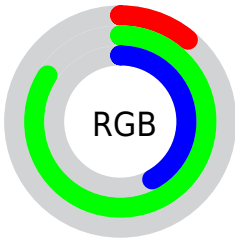
Format	Color
RYB	27, 159, 215
Decimal	1824618
CIELab	75.99, -66.40, 41.57
CIELCh	76, 78.341, 147.954
Yxy	49.8745, 0.2762, 0.5035
Android (android.graphics.Color)	4280014698 (0xFF1BD76A)
YUV	146.3620, -19.8985, -104.6805
Hunter-Lab	70.6219, -54.4499, 31.1159

Details

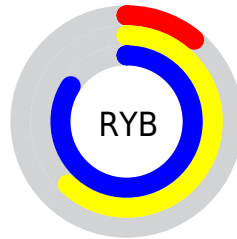
The Hex color **1BD76A** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **D71B88**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **6FFF9F**, and **009F37** is the 20% darker color. If you saturate the color by 10%, you get **05D75E**, and if you desaturate by 10%, it is **31D776**.

Distribution



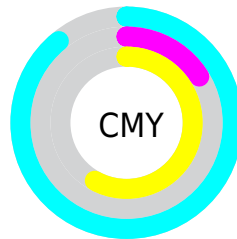
- Red (11%)
- Green (84%)
- Blue (42%)



- Red (11%)
- Yellow (62%)
- Blue (84%)



- Cyan (87%)
- Magenta (0%)
- Yellow (51%)
- Black (16%)



- Cyan (89%)
- Magenta (16%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1BD76A 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 1BD76A by changing the saturation by 10% instead.

 1BD76A

 1BD76A

FFFFFF

 00BA50

 6FFF9F

 009F37

 8FFFBB

 00831D

 AEFFD7

 006900

 CDFFF4

 004F00

 EDFFFF

 003700

 001D00

 000000

 1BD76A

 1BD76A

 05D75E

 31D776

 00D75A

 46D783

 5CD78F

 71D79C

 87D7A8

 9CD7B5

 B2D7C1

 C7D7CE

 DDD7DA

Harmonies

Analogous

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



9CCB28



1BD76A



00DDB4

Triad

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



1BD76A



00C5FF



FF7C7C

Complementary

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



1BD76A



D71B88

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.



FF73C3



1BD76A



B0AAFF

Square

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



1BD76A



00D6FF



FF89FF



FF993D

Rectangle

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



1BD76A



00DDE6



FF89FF



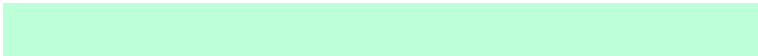
FF7593

Sweetspot

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



1BD76A



BDFFD9



89D71B



588069



000000



808080

Same Dimension

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



1BD76A



00FF6B



1BD7C7



606B65



00AB48



002B12

Inverse Universe

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



D71B88



FF0094



D71B2B



6B6067



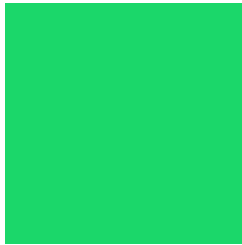
AB0063



2B0019

Previews

White Background



This preview shows how the Hex color 1BD76A 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 1BD76A 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 1BD76A Background



This preview shows how black text looks on a background with the Hex color 1BD76A.

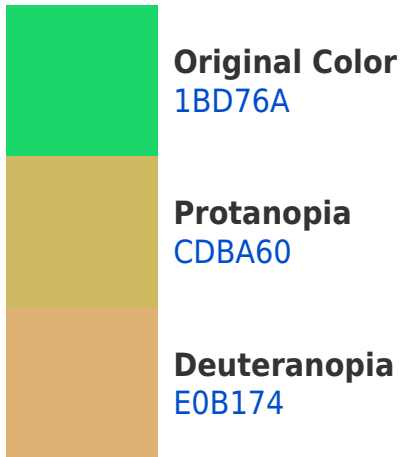


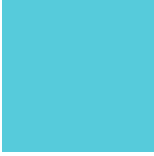
This preview shows how white text looks on a background with the Hex color 1BD76A.

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](#).

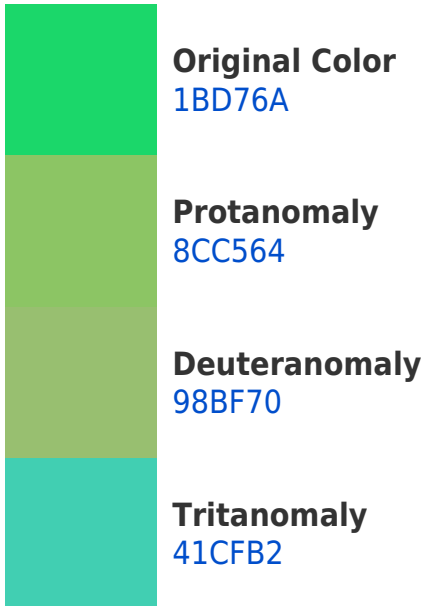
Dichromacy



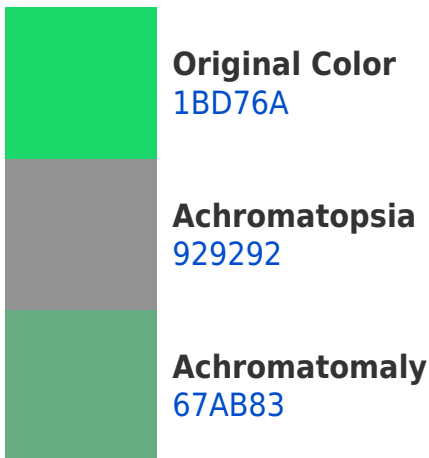


Tritanopia
56CBDB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1BD76A 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 #1BD76A looks like.

```
.text, #text, p{  
    color:#1BD76A  
}
```

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 #1BD76A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1BD76A
}
```

Border

The CSS property to change the border of an element to Hex 1BD76A 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
#1BD76A }
```

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

```
.border{ border-color:#1BD76A }
```

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

Here you see how a box with a 4 pixel #1BD76A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1BD76A; -webkit-box-shadow:4px 4px  
4px 4px #1BD76A; box-shadow:4px 4px 4px  
4px #1BD76A }
```

Background

The CSS property to change the background color of an element to Hex 1BD76A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1BD76A }
```

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

```
.background{ background-color:#1BD76A }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor