

Converting Colors

Hex(1BCF46)

Have a look what the booklet for
Hex(1BCF46) contains.

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Color

Hex(1BCF46)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 1BCF46 |
| RGB | 27, 207, 70 |
| RGB Percent | 11%, 81%, 27% |
| CMY | 0.8941, 0.1882, 0.7255 |
| CMYK | 0.87, 0.00, 0.66, 0.19 |
| HSL | 134°, 77%, 46% |
| HSV | 134°, 87%, 81% |
| XYZ | 23.8703, 45.3009, 13.2802 |
| YIQ | 137.5620, -63.3030, -80.7670 |

Conversions

Conversions Part 2

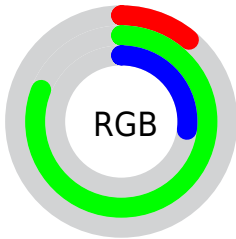
| Format | Color |
|-------------------------------------|--|
| RYB | 27, 172, 207 |
| Decimal | 1822534 |
| CIELab | 73.09, -68.55, 54.42 |
| CIELCh | 73, 87.522, 141.555 |
| Yxy | 45.3009, 0.2895, 0.5494 |
| Android (android.graphics.Color) | 4280012614 (0xFF1BCF46) |
| YUV | 137.5620, -33.3081, -96.9629 |
| Hunter-Lab | 67.3059, -54.4796, 35.4156 |

Details

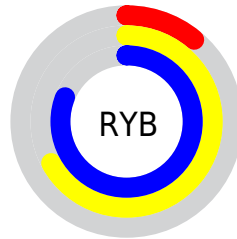
The Hex color **1BCF46** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **CF1BA4**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **6EFF7C**, and **009703** is the 20% darker color. If you saturate the color by 10%, you get **06CF36**, and if you desaturate by 10%, it is **30CF56**.

Distribution



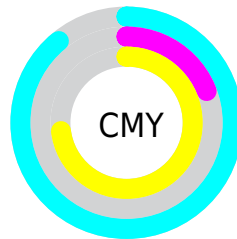
- Red (11%)
- Green (81%)
- Blue (27%)



- Red (11%)
- Yellow (67%)
- Blue (81%)



- Cyan (87%)
- Magenta (0%)
- Yellow (66%)
- Black (19%)



- Cyan (89%)
- Magenta (19%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1BCF46 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 1BCF46 by changing the saturation by 10% instead.

 1BCF46

 1BCF46

FFFFFF

 00B32A

 6EFF7C

 009703

 8EFF97

 007C00

 ADFFB3

 006100

 CCFFD0

 004800

 EBFFED

 003000

 001300

 000000

 1BCF46

 1BCF46

 06CF36

 30CF56

 00CF31

 44CF66

 59CF75

 6ECF85

 83CF95

 97CFA5

 ACCFB4

 C1CFC4

 D5CFD4

Harmonies

Analogous

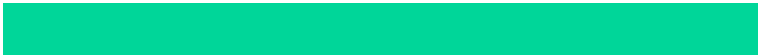
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A0C100



1BCF46



00D699

Triad

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



1BCF46



00C4FF



FF607E

Complementary

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



1BCF46



CF1BA4

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.



FF5CCE



1BCF46



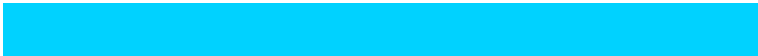
7BA8FF

Square

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



1BCF46



00D2FF



FC81FF



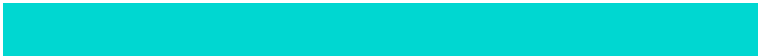
FF8432

Rectangle

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



1BCF46



00D7D1



FC81FF



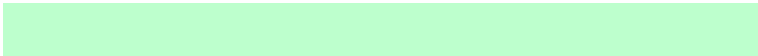
FF5998

Sweetspot

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



1BCF46



BDFLCD



A5CF1B



588061



000000



808080

Same Dimension

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



1BCF46



00FF3D



1BCF9F



5E6961



00A828



00290A

Inverse Universe

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



CF1BA4



FF00C2



CF1B4B



695E66



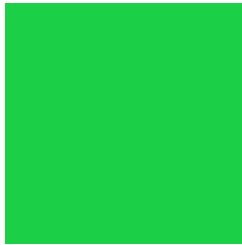
A80080



29001F

Previews

White Background



This preview shows how the Hex color 1BCF46 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 1BCF46 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 1BCF46 Background



This preview shows how black text looks on a background with the Hex color 1BCF46.

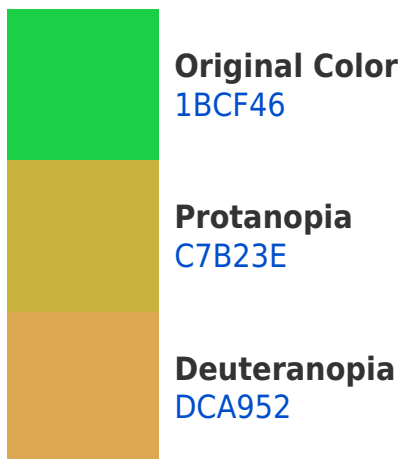


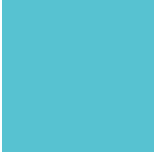
This preview shows how white text looks on a background with the Hex color 1BCF46.

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
57C2D1

Trichromacy



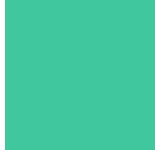
Original Color
1BCF46



Protanomaly
88BD41



Deuteranomaly
96B74E



Tritanomaly
41C79E

Monochromacy



Original Color
1BCF46



Achromatopsia
8A8A8A



Achromatomaly
62A371

CSS Examples

Text

The CSS property to change the color of the text to Hex 1BCF46 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 #1BCF46 looks like.

```
.text, #text, p{  
    color:#1BCF46  
}
```

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 #1BCF46 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1BCF46
}
```

Border

The CSS property to change the border of an element to Hex 1BCF46 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
#1BCF46 }
```

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

```
.border{ border-color:#1BCF46 }
```

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

Here you see how a box with a 4 pixel #1BCF46 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1BCF46; -webkit-box-shadow:4px 4px  
4px 4px #1BCF46; box-shadow:4px 4px 4px  
4px #1BCF46 }
```

Background

The CSS property to change the background color of an element to Hex 1BCF46 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1BCF46 }
```

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

```
.background{ background-color:#1BCF46 }
```

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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