

Converting Colors

Hex(1DCF4C)

Have a look what the booklet for
Hex(1DCF4C) contains.

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Color

Hex(1DCF4C)

Conversions

Conversions Part 1

Format	Color
Hex	1DCF4C
RGB	29, 207, 76
RGB Percent	11%, 81%, 30%
CMY	0.8863, 0.1882, 0.7020
CMYK	0.86, 0.00, 0.63, 0.19
HSL	136°, 75%, 46%
HSV	136°, 86%, 81%
XYZ	24.1240, 45.4087, 14.3308
YIQ	138.8440, -64.0370, -78.4770

Conversions

Conversions Part 2

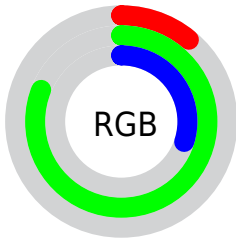
Format	Color
RYB	29, 170, 207
Decimal	1953612
CIELab	73.16, -67.74, 51.99
CIELCh	73, 85.390, 142.493
Yxy	45.4087, 0.2877, 0.5415
Android (android.graphics.Color)	4280143692 (0xFF1DCF4C)
YUV	138.8440, -30.9821, -96.3332
Hunter-Lab	67.3859, -54.0228, 34.5611

Details

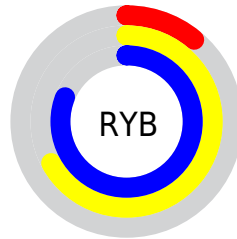
The Hex color **1DCF4C** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **CF1DA0**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **6FFF81**, and **009711** is the 20% darker color. If you saturate the color by 10%, you get **08CF3D**, and if you desaturate by 10%, it is **32CF5B**.

Distribution



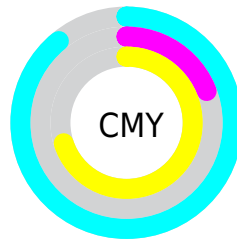
- Red (11%)
- Green (81%)
- Blue (30%)



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



- Cyan (86%)
- Magenta (0%)
- Yellow (63%)
- Black (19%)



- Cyan (89%)
- Magenta (19%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1DCF4C 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 1DCF4C by changing the saturation by 10% instead.

 1DCF4C

 1DCF4C

FFFFFF

 00B331


 6FFF81

 009711

 8FFF9D

 007C00

 AEFFB9

 006200

 CDFFD5

 004800

 EBFFF2

 003000

 001300

 000000

 1DCF4C

 1DCF4C

 08CF3D

 32CF5B

 00CF37

 46CF6A

 5BCF7A

 70CF89

 85CF98

 99CFA7

 AECFB7

 C3CFC6

 D7CFD5

Harmonies

Analogous

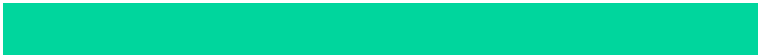
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9FC100



1DCF4C



00D69D

Triad

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



1DCF4C



00C3FF



FF657D

Complementary

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



1DCF4C



CF1DA0

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.



FF60CB



1DCF4C



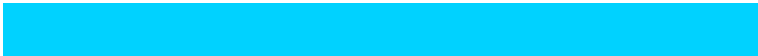
85A7FF

Square

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



1DCF4C



00D2FF



FE81FF



FF8734

Rectangle

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



1DCF4C



00D7D3



FE81FF



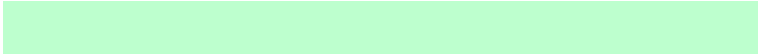
FF5E96

Sweetspot

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



1DCF4C



BDFfce



A3CF1D



588062



000000



808080

Same Dimension

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



1DCF4C



00FF43



1DCFA3



5E6961



00A82C



00290B

Inverse Universe

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



CF1DA0



FF00BC



CF1D4A



695E66



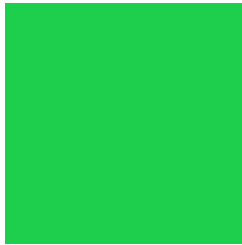
A8007C



29001E

Previews

White Background



This preview shows how the Hex color 1DCF4C 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 1DCF4C 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 1DCF4C Background



This preview shows how black text looks on a background with the Hex color 1DCF4C.

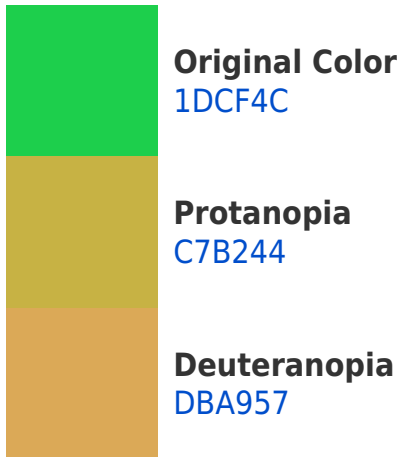


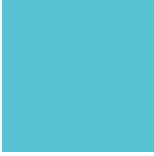
This preview shows how white text looks on a background with the Hex color 1DCF4C.

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
57C2D2

Trichromacy



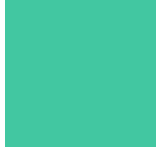
Original Color
1DCF4C



Protanomaly
89BD47



Deuteranomaly
96B753



Tritanomaly
42C7A1

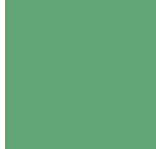
Monochromacy



Original Color
1DCF4C



Achromatopsia
8B8B8B



Achromatomaly
63A474

CSS Examples

Text

The CSS property to change the color of the text to Hex 1DCF4C 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 #1DCF4C looks like.

```
.text, #text, p{  
    color:#1DCF4C  
}
```

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 #1DCF4C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1DCF4C
}
```

Border

The CSS property to change the border of an element to Hex 1DCF4C 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
#1DCF4C }
```

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

```
.border{ border-color:#1DCF4C }
```

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

Here you see how a box with a 4 pixel #1DCF4C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1DCF4C; -webkit-box-shadow:4px 4px  
4px 4px #1DCF4C; box-shadow:4px 4px 4px  
4px #1DCF4C }
```

Background

The CSS property to change the background color of an element to Hex 1DCF4C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1DCF4C }
```

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

```
.background{ background-color:#1DCF4C }
```

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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