

Converting Colors

Hex(1DCF44)

Have a look what the booklet for
Hex(1DCF44) contains.

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Color

Hex(1DCF44)

Conversions

Conversions Part 1

Format	Color
Hex	1DCF44
RGB	29, 207, 68
RGB Percent	11%, 81%, 27%
CMY	0.8863, 0.1882, 0.7333
CMYK	0.86, 0.00, 0.67, 0.19
HSL	133°, 75%, 46%
HSV	133°, 86%, 81%
XYZ	23.8629, 45.3042, 12.9557
YIQ	137.9320, -61.4690, -80.9650

Conversions

Conversions Part 2

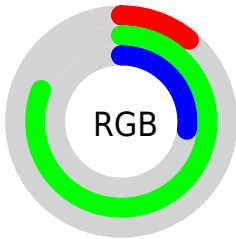
Format	Color
RYB	29, 175, 207
Decimal	1953604
CIELab	73.09, -68.59, 55.24
CIELCh	73, 88.066, 141.155
Yxy	45.3042, 0.2906, 0.5517
Android (android.graphics.Color)	4280143684 (0xFF1DCF44)
YUV	137.9320, -34.4765, -95.5334
Hunter-Lab	67.3084, -54.5059, 35.7036

Details

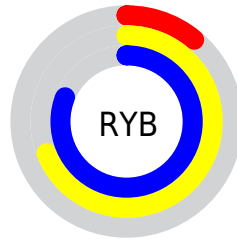
The Hex color **1DCF44** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **CF1DA8**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **6FFF7A**, and **009700** is the 20% darker color. If you saturate the color by 10%, you get **08CF34**, and if you desaturate by 10%, it is **32CF54**.

Distribution



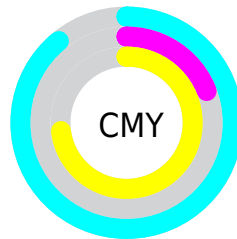
- Red (11%)
- Green (81%)
- Blue (27%)



- Red (11%)
- Yellow (69%)
- Blue (81%)



- Cyan (86%)
- Magenta (0%)
- Yellow (67%)
- Black (19%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 1DCF44 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 1DCF44 by changing the saturation by 10% instead.

 1DCF44

 1DCF44

FFFFFF

 00B327

 6FFF7A

 009700

 8FFF96

 007C00

 AEFFB1

 006100

 CDFFCE

 004800

 ECFEB

 003000

 001300

 000000

 1DCF44

 1DCF44

■ 08CF34

■ 32CF54

■ 00CF2D

■ 46CF64

■ 5BCF74

■ 70CF85

■ 85CF95

■ 99CFA5

■ AECFB5

■ C3CFC5

■ D7CFD5

Harmonies

Analogous

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



A1C000



1DCF44



00D698

Triad

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



1DCF44



00C4FF



FF5F7F

Complementary

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



1DCF44



CF1DA8

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.



FF5CCF



1DCF44



77A9FF

Square

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



1DCF44



00D3FF



FC81FF



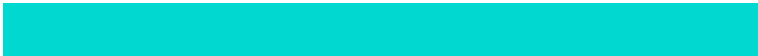
FF8432

Rectangle

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



1DCF44



00D8D0



FC81FF



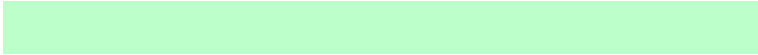
FF5899

Sweetspot

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



1DCF44



BDFFCB



A8CF1D



588061



000000



808080

Same Dimension

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



1DCF44



00FF38



1DCF9D



5E6960



00A825



002909

Inverse Universe

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



CF1DA8



FF00C7



CF1D4F



695E66



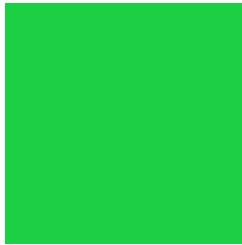
A80083



290020

Previews

White Background



This preview shows how the Hex color 1DCF44 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 1DCF44 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 1DCF44 Background



This preview shows how black text looks on a background with the Hex color 1DCF44.



This preview shows how white text looks on a background with the Hex color 1DCF44.

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](#).

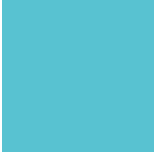
Dichromacy



Original Color
1DCF44

Protanopia
C7B23C

Deuteranopia
DCA950



Tritanopia
58C2D1

Trichromacy



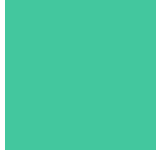
Original Color
1DCF44



Protanomaly
89BD3F

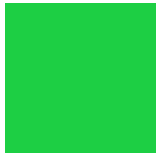


Deuteranomaly
97B74C



Tritanomaly
43C79E

Monochromacy



Original Color
1DCF44



Achromatopsia
8A8A8A



Achromatomaly
62A371

CSS Examples

Text

The CSS property to change the color of the text to Hex 1DCF44 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 #1DCF44 looks like.

```
.text, #text, p{  
    color:#1DCF44  
}
```

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 #1DCF44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1DCF44
}
```

Border

The CSS property to change the border of an element to Hex 1DCF44 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
#1DCF44 }
```

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

```
.border{ border-color:#1DCF44 }
```

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

Here you see how a box with a 4 pixel #1DCF44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1DCF44; -webkit-box-shadow:4px 4px  
4px 4px #1DCF44; box-shadow:4px 4px 4px  
4px #1DCF44 }
```

Background

The CSS property to change the background color of an element to Hex 1DCF44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1DCF44 }
```

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

```
.background{ background-color:#1DCF44 }
```

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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