

Converting Colors

Hex(01CA41)

Have a look what the booklet for
Hex(01CA41) contains.

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Color

Hex(01CA41)

Conversions

Conversions Part 1

Format	Color
Hex	01CA41
RGB	1, 202, 65
RGB Percent	0%, 79%, 25%
CMY	0.9961, 0.2078, 0.7451
CMYK	1.00, 0.00, 0.68, 0.21
HSL	139°, 99%, 40%
HSV	139°, 100%, 79%
XYZ	22.0872, 42.6292, 12.0652
YIQ	126.2830, -75.8190, -85.2190

Conversions

Conversions Part 2

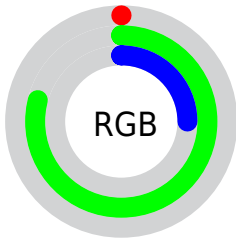
Format	Color
RYB	1, 153, 202
Decimal	117313
CIELab	71.30, -68.90, 54.46
CIELCh	71, 87.827, 141.679
Yxy	42.6292, 0.2877, 0.5552
Android (android.graphics.Color)	4278307393 (0xFF01CA41)
YUV	126.2830, -30.2125, -109.8732
Hunter-Lab	65.2910, -53.8748, 34.7475

Details

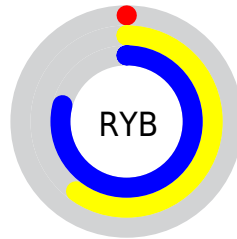
The Hex color **01CA41** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **CA018A**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **67FF77**, and **009200** is the 20% darker color. If you saturate the color by 10%, you get **00CA40**, and if you desaturate by 10%, it is **15CA4F**.

Distribution



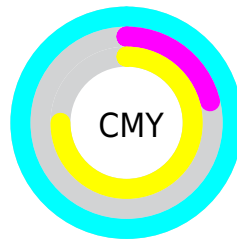
- Red (0%)
- Green (79%)
- Blue (25%)



- Red (0%)
- Yellow (60%)
- Blue (79%)



- Cyan (100%)
- Magenta (0%)
- Yellow (68%)
- Black (21%)




- Cyan (100%)
- Magenta (21%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 01CA41 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 01CA41 by changing the saturation by 10% instead.

 01CA41

 01CA41

FFFFFF

 00AE24

 67FF77

 009200

 87FF92

 007700

 A7FFAE

 005D00

 C6FFCA


 004300

 E5FFE7

 002B00

 000900

 000000

 01CA41

 01CA41

■ 00CA40

■ 15CA4F

■ 29CA5D

■ 3ECA6A

■ 52CA78

■ 66CA86

■ 7ACA94

■ 8ECAA1

■ A3CAAF

■ B7CABD

Harmonies

Analogous

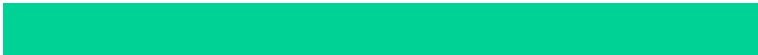
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9ABC00



01CA41



00D195

Triad

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



01CA41



00BFFF



FF5A79

Complementary

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



01CA41



CA018A

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.



FF56C9



01CA41



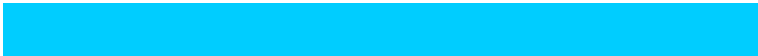
75A3FF

Square

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



01CA41



00CDFE



F8BFF



FF7F2C

Rectangle

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



01CA41



00D2CD



F87BFF



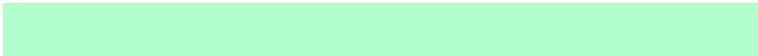
FF5293

Sweetspot

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



01CA41



B3FFCB



8ACA01



528060



000000



808080

Same Dimension

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



01CA41



00FF51



01CAA5



5C665F



00A635



00260C

Inverse Universe

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



CA018A



FF00AE



CA0126



665C63



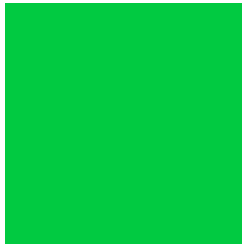
A60071



26001A

Previews

White Background



This preview shows how the Hex color 01CA41 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 01CA41 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 01CA41 Background



This preview shows how black text looks on a background with the Hex color 01CA41.

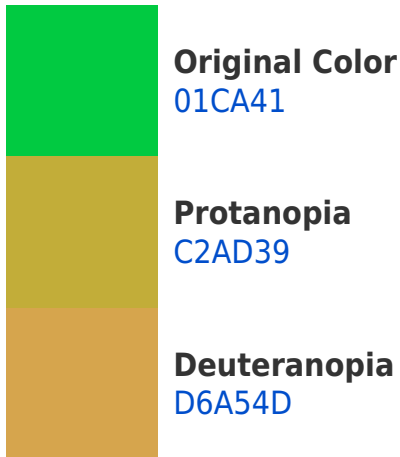


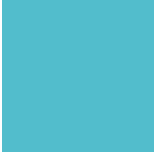
This preview shows how white text looks on a background with the Hex color 01CA41.

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





Trichromacy



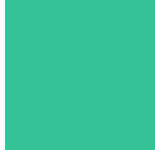
Original Color
01CA41



Protanomaly
7CB83C



Deuteranomaly
89B249



Tritanomaly
35C299

Monochromacy



Original Color
01CA41



Achromatopsia
7E7E7E



Achromatomaly
519A68

CSS Examples

Text

The CSS property to change the color of the text to Hex 01CA41 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 #01CA41 looks like.

```
.text, #text, p{  
    color:#01CA41  
}
```

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 #01CA41 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #01CA41
}
```

Border

The CSS property to change the border of an element to Hex 01CA41 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
#01CA41 }
```

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

```
.border{ border-color:#01CA41 }
```

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

Here you see how a box with a 4 pixel #01CA41 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #01CA41; -webkit-box-shadow:4px 4px  
4px 4px #01CA41; box-shadow:4px 4px 4px  
4px #01CA41 }
```

Background

The CSS property to change the background color of an element to Hex 01CA41 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#01CA41 }
```

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

```
.background{ background-color:#01CA41 }
```

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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