

Converting Colors

Hex(01CB1F)

Have a look what the booklet for
Hex(01CB1F) contains.

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Color

Hex(01CB1F)

Conversions

Conversions Part 1

Format	Color
Hex	01CB1F
RGB	1, 203, 31
RGB Percent	0%, 80%, 12%
CMY	0.9961, 0.2039, 0.8784
CMYK	1.00, 0.00, 0.85, 0.20
HSL	129°, 99%, 40%
HSV	129°, 100%, 80%
XYZ	21.6158, 42.8173, 8.4216
YIQ	122.9940, -65.1800, -96.3160

Conversions

Conversions Part 2

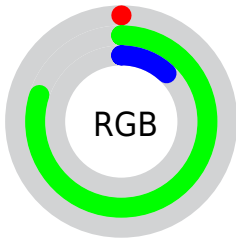
Format	Color
RYB	1, 177, 203
Decimal	117535
CIELab	71.43, -71.66, 65.53
CIELCh	71, 97.104, 137.559
Yxy	42.8173, 0.2967, 0.5877
Android (android.graphics.Color)	4278307615 (0xFF01CB1F)
YUV	122.9940, -45.3530, -106.9887
Hunter-Lab	65.4349, -55.5453, 38.1737

Details

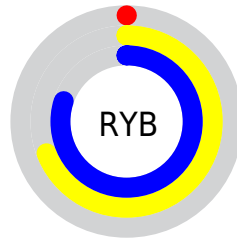
The Hex color **01CB1F** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **CB01AD**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **69FF5D**, and **009300** is the 20% darker color. If you saturate the color by 10%, you get **00CB1E**, and if you desaturate by 10%, it is **15CB30**.

Distribution



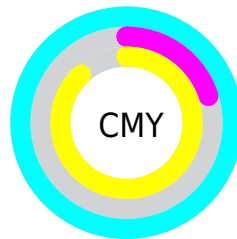
- Red (0%)
- Green (80%)
- Blue (12%)



- Red (0%)
- Yellow (69%)
- Blue (80%)



- Cyan (100%)
- Magenta (0%)
- Yellow (85%)
- Black (20%)



- Cyan (100%)
- Magenta (20%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 01CB1F 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 01CB1F by changing the saturation by 10% instead.

 01CB1F

 01CB1F

FFFFFF

 00AF00

 69FF5D

 009300

 8AFF79

 007800

 A9FF96

 005E00

 C9FFB2

 004400

 E8FFCF

 002C00

 FFFFEC

 000A00

 000000

 01CB1F

 01CB1F

 00CB1E

 15CB30

 2ACB42

 3ECB53

 52CB64

 66CB75

 7BCB87

 8FCB98

 A3CBA9

 B8CBBB

Harmonies

Analogous

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



A2BB00



01CB1F



00D386

Triad

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



01CB1F



00C4FF



FF4080

Complementary

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



01CB1F



CB01AD

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.



FF44D8



01CB1F



21A8FF

Square

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



01CB1F



00D2FF



F17AFF



FF7227

Rectangle

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



01CB1F



00D5C4



F17AFF



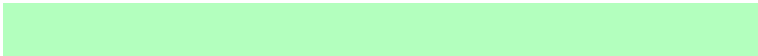
FF379D

Sweetspot

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



01CB1F



B3FFBE



B0CB01



528058



000000



808080

Same Dimension

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



01CB1F



00FF26



01CB81



5C665D



00A619



002606

Inverse Universe

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



CB01AD



FF00D9



CB014B



665C64



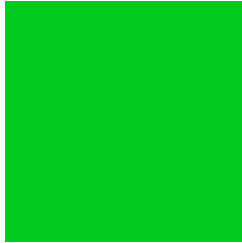
A6008D



260021

Previews

White Background



This preview shows how the Hex color 01CB1F 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 01CB1F 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 01CB1F Background



This preview shows how black text looks on a background with the Hex color 01CB1F.



This preview shows how white text looks on a background with the Hex color 01CB1F.

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](#).

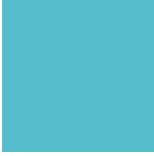
Dichromacy



Original Color
01CB1F

Protanopia
C4AE16

Deuteranopia
D9A535



Trichromacy



Original Color
01CB1F



Protanomaly
7DB919



Deuteranomaly
8AB32D



Tritanomaly
36C28D

Monochromacy



Original Color
01CB1F



Achromatopsia
7B7B7B



Achromatomaly
4F985A

CSS Examples

Text

The CSS property to change the color of the text to Hex 01CB1F 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 #01CB1F looks like.

```
.text, #text, p{  
    color:#01CB1F  
}
```

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 #01CB1F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #01CB1F
}
```

Border

The CSS property to change the border of an element to Hex 01CB1F 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".

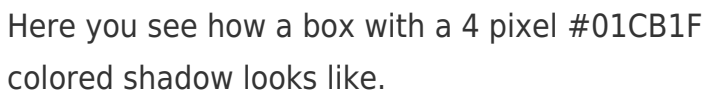
```
.border, #border, table{ border:4px solid
#01CB1F }
```

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

```
.border{ border-color:#01CB1F }
```

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

Here you see how a box with a 4 pixel #01CB1F colored shadow looks like.

A rectangular box with a thick green border and a green shadow. The box is white with a green border and a green shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #01CB1F; -webkit-box-shadow:4px 4px  
4px 4px #01CB1F; box-shadow:4px 4px 4px  
4px #01CB1F }
```

Background

The CSS property to change the background color of an element to Hex 01CB1F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#01CB1F }
```

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

```
.background{ background-color:#01CB1F }
```

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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