

Converting Colors

Hex(1FCB01)

Have a look what the booklet for
Hex(1FCB01) contains.

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Color

Hex(1FCB01)

Conversions

Conversions Part 1

Format	Color
Hex	1FCB01
RGB	31, 203, 1
RGB Percent	12%, 80%, 0%
CMY	0.8784, 0.2039, 0.9961
CMYK	0.85, 0.00, 1.00, 0.20
HSL	111°, 99%, 40%
HSV	111°, 100%, 80%
XYZ	21.9265, 43.0054, 7.1739
YIQ	128.5440, -37.6700, -99.2860

Conversions

Conversions Part 2

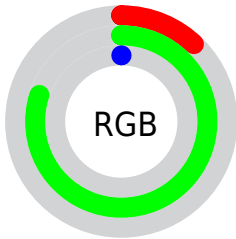
Format	Color
RYB	1, 203, 173
Decimal	2083585
CIELab	71.56, -70.76, 70.18
CIELCh	72, 99.660, 135.232
Yxy	43.0054, 0.3041, 0.5964
Android (android.graphics.Color)	4280273665 (0xFF1FCB01)
YUV	128.5440, -62.8792, -85.5461
Hunter-Lab	65.5785, -55.0800, 39.4189

Details

The Hex color **1FCB01** 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 **AD01CB**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **71FF52**, and **009300** is the 20% darker color. If you saturate the color by 10%, you get **1ECB00**, and if you desaturate by 10%, it is **30CB15**.

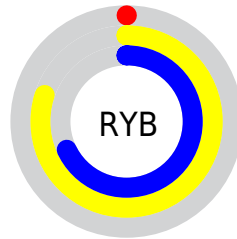
Distribution



Red (12%)

Green (80%)

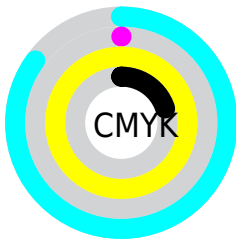
Blue (0%)



Red (0%)

Yellow (80%)

Blue (68%)

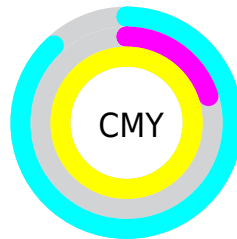


Cyan (85%)

Magenta (0%)

Yellow (100%)

Black (20%)



Cyan (88%)

Magenta (20%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1FCB01 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 1FCB01 by changing the saturation by 10% instead.

 1FCB01

 1FCB01

FFFFFF

 00AF00

 71FF52

 009300

 91FF6E

 007800

 B1FF8B

 005E00

 D0FFA8

 004400

 EFFF C5

 002C00

 FFFF E2

 000B00

 000000

 1FCB01

 1FCB01

 1ECB00

 30CB15

 42CB2A

 53CB3E

 64CB52

 75CB66

 87CB7B

 98CB8F

 A9CBA3

 BBCBB8

Harmonies

Analogous

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



A9BA00



1FCB01



00D37D

Triad

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



1FCB01



00C7FF



FF3586

Complementary

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



1FCB01



AD01CB

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.



FF42E0



1FCB01



00ABFF

Square

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



1FCB01



00D3FF



EA7DFE



FF6C2B

Rectangle

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



1FCB01



00D6BD



EA7DFF



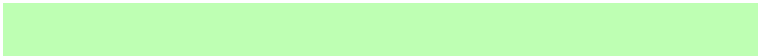
FF2CA4

Sweetspot

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



1FCB01



BEFFB3



CBAD01



588052



000000



808080

Same Dimension

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



1FCB01



26FF00



01CB48



5D665C



19A600



062600

Inverse Universe

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



AD01CB



D900FF



CB0184



645C66



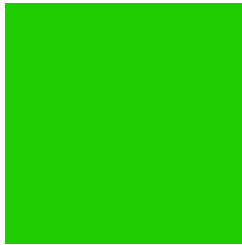
8D00A6



210026

Previews

White Background



This preview shows how the Hex color 1FCB01 looks on a white background.

Color Contrast Check

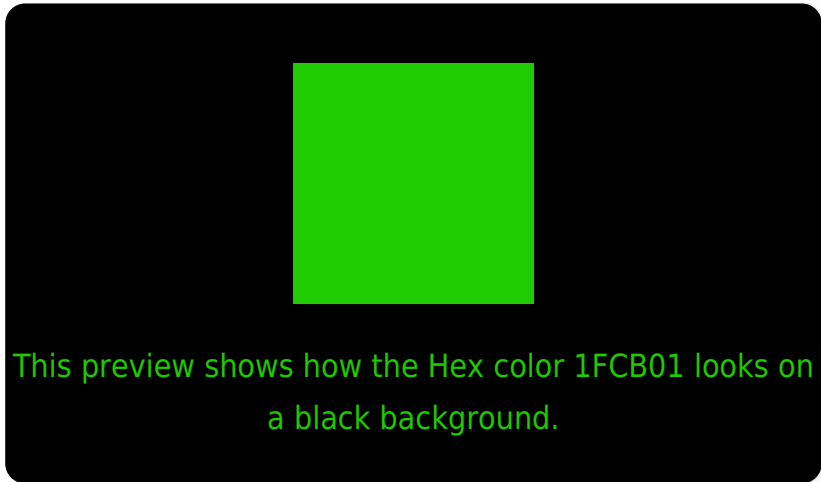
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

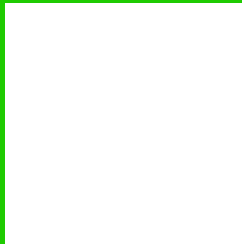
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 1FCB01 Background



This preview shows how black text looks on a background with the Hex color 1FCB01.

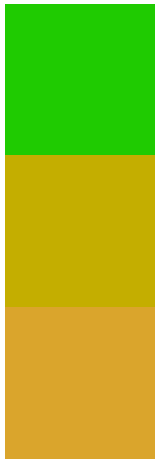


This preview shows how white text looks on a background with the Hex color 1FCB01.

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](#).

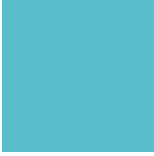
Dichromacy



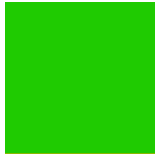
Original Color
1FCB01

Protanopia
C4AE00

Deuteranopia
DAA52C



Trichromacy



Original Color
1FCB01



Protanomaly
88B900



Deuteranomaly
96B31C



Tritanomaly
44C282

Monochromacy



Original Color
1FCB01



Achromatopsia
818181



Achromatomaly
5D9C52

CSS Examples

Text

The CSS property to change the color of the text to Hex 1FCB01 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 #1FCB01 looks like.

```
.text, #text, p{  
    color:#1FCB01  
}
```

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 #1FCB01 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1FCB01
}
```

Border

The CSS property to change the border of an element to Hex 1FCB01 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
#1FCB01 }
```

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

```
.border{ border-color:#1FCB01 }
```

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

Here you see how a box with a 4 pixel #1FCB01 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1FCB01; -webkit-box-shadow:4px 4px  
4px 4px #1FCB01; box-shadow:4px 4px 4px  
4px #1FCB01 }
```

Background

The CSS property to change the background color of an element to Hex 1FCB01 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1FCB01 }
```

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

```
.background{ background-color:#1FCB01 }
```

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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