

Converting Colors

Hex(1CE010)

Have a look what the booklet for
Hex(1CE010) contains.

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Color

Hex(1CE010)

Conversions

Conversions Part 1

Format	Color
Hex	1CE010
RGB	28, 224, 16
RGB Percent	11%, 88%, 6%
CMY	0.8902, 0.1216, 0.9373
CMYK	0.87, 0.00, 0.93, 0.12
HSL	117°, 87%, 47%
HSV	117°, 93%, 88%
XYZ	27.2281, 53.5956, 9.4001
YIQ	141.6840, -50.0480, -106.2400

Conversions

Conversions Part 2

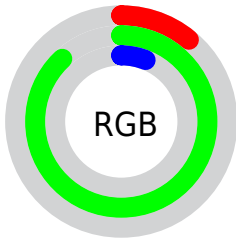
Format	Color
RYB	16, 224, 212
Decimal	1892368
CIELab	78.23, -76.54, 74.06
CIELCh	78, 106.505, 135.941
Yxy	53.5956, 0.3018, 0.5940
Android (android.graphics.Color)	4280082448 (0xFF1CE010)
YUV	141.6840, -61.9622, -99.7009
Hunter-Lab	73.2090, -61.7276, 43.6334

Details

The Hex color **1CE010** 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 **D410E0**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **75FF5A**, and **00A700** is the 20% darker color. If you saturate the color by 10%, you get **0DE000**, and if you desaturate by 10%, it is **31E026**.

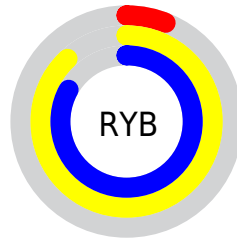
Distribution



Red (11%)

Green (88%)

Blue (6%)



Red (6%)

Yellow (88%)

Blue (83%)

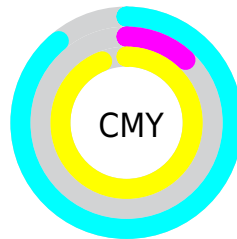


Cyan (87%)

Magenta (0%)

Yellow (93%)

Black (12%)



Cyan (89%)

Magenta (12%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1CE010 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 1CE010 by changing the saturation by 10% instead.

 1CE010

 1CE010

FFFFFF

 00C300

 75FF5A

 00A700

 96FF77

 008B00

 B7FF94

 007000

 D6FFB1

 005600

 F6FFCF

 003E00

 FFF FEC

 002300

 000000

 1CE010

 1CE010

0DE000

31E026

46E03D

5BE053

70E06A

86E080

9BE096

B0E0AD

C5E0C3

DAE0DA

Harmonies

Analogous

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



B8CD00



1CE010



00E98E

Triad

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



1CE010



00DBFF



FF3F92

Complementary

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



1CE010



D410E0

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.



FF4AF4



1CE010



00BCFF

Square

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



1CE010



00E9FF



FF89FF



FF7A2F

Rectangle

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



1CE010



00ECD3



FF89FF



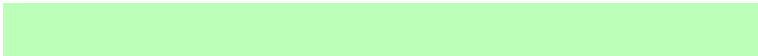
FF35B2

Sweetspot

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



1CE010



BCFFB8



E0D210



578054



000000



808080

Same Dimension

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



1CE010



0FFF00



10E06A



667065



0AB000



033000

Inverse Universe

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



D410E0



F000FF



E01086



706570



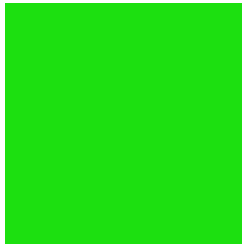
A600B0



2E0030

Previews

White Background



This preview shows how the Hex color 1CE010 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 1CE010 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 1CE010 Background



This preview shows how black text looks on a background with the Hex color 1CE010.

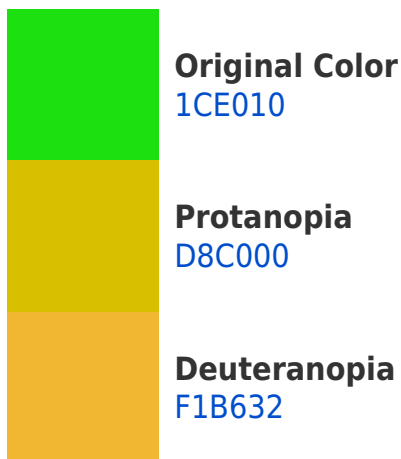


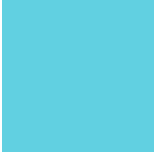
This preview shows how white text looks on a background with the Hex color 1CE010.

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](#).

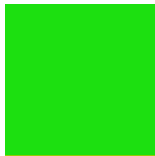
Dichromacy





Tritanopia
61D0E1

Trichromacy



Original Color
1CE010



Protanomaly
94CC06



Deuteranomaly
A4C526



Tritanomaly
48D695

Monochromacy



Original Color
1CE010



Achromatopsia
8E8E8E



Achromatomaly
65AC60

CSS Examples

Text

The CSS property to change the color of the text to Hex 1CE010 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 #1CE010 looks like.

```
.text, #text, p{  
    color:#1CE010  
}
```

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 #1CE010 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1CE010
}
```

Border

The CSS property to change the border of an element to Hex 1CE010 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
#1CE010 }
```

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

```
.border{ border-color:#1CE010 }
```

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

Here you see how a box with a 4 pixel #1CE010 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1CE010; -webkit-box-shadow:4px 4px  
4px 4px #1CE010; box-shadow:4px 4px 4px  
4px #1CE010 }
```

Background

The CSS property to change the background color of an element to Hex 1CE010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1CE010 }
```

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

```
.background{ background-color:#1CE010 }
```

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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