

# Converting Colors

Hex(1CD011)

Have a look what the booklet for  
Hex(1CD011) contains.

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# Color

**Hex(1CD011)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1CD011
RGB	28, 208, 17
RGB Percent	11%, 82%, 7%
CMY	0.8902, 0.1843, 0.9333
CMYK	0.87, 0.00, 0.92, 0.18
HSL	117°, 85%, 44%
HSV	117°, 92%, 82%
XYZ	23.1359, 45.3991, 8.0738
YIQ	132.4060, -45.9690, -97.5610

# Conversions

## Conversions Part 2

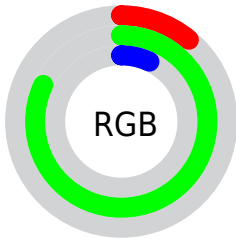
<b>Format</b>	<b>Color</b>
<b>RYB</b>	17, 208, 197
Decimal	1888273
CIELab	73.15, -72.09, 69.69
CIELCh	73, 100.270, 135.971
Yxy	45.3991, 0.3020, 0.5926
Android (android.graphics.Color)	4280078353 (0xFF1CD011)
YUV	132.4060, -56.8952, -91.5641
Hunter-Lab	67.3789, -56.6213, 40.0606

# Details

The Hex color **1CD011** 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 **C511D0**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **71FF57**, and **009800** is the 20% darker color. If you saturate the color by 10%, you get **0CD000**, and if you desaturate by 10%, it is **30D026**.

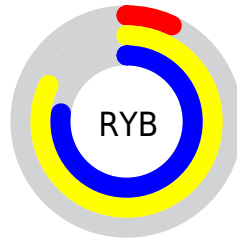
# Distribution



Red (11%)

Green (82%)

Blue (7%)



Red (7%)

Yellow (82%)

Blue (77%)

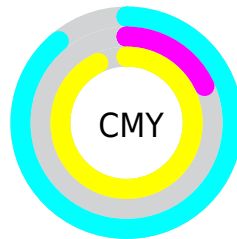


Cyan (87%)

Magenta (0%)

Yellow (92%)

Black (18%)



Cyan (89%)

Magenta (18%)

Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1CD011 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 1CD011 by changing the saturation by 10% instead.



 1CD011

 1CD011

FFFFFF

 00B400

 71FF57

 009800

 91FF74

 007D00

 B1FF91

 006200

 D0FFAD

 004800

 F0FFCA

 003000

 FFFF E8

 001300

 000000

 1CD011

 1CD011

 0CD000

 30D026

 43D03B

 57D04F

 6AD064

 7ED079

 92D08E

 A5D0A3

 B9D0B7

 CCD0CC

# Harmonies

## Analogous

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



ABBF00



1CD011



00D884

# Triad

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



1CD011



00CBFF



FF3C87

# Complementary

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



1CD011



C511D0

# 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.



FF46E3



1CD011



00AEFF

# Square

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



1CD011



00D8FF



F280FF



FF712C

# Rectangle

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



1CD011



00DBC4



F280FF



FF33A5

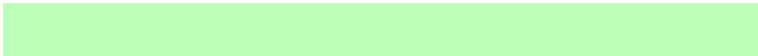


# Sweetspot

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



1CD011



BCFFB8



D0C311



578054



000000



808080



# Same Dimension

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



1CD011



0FFF00



11D064



5F695E



0AA800



022900



# Inverse Universe

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



C511D0



F000FF



D0117D



685E69



9F00A8

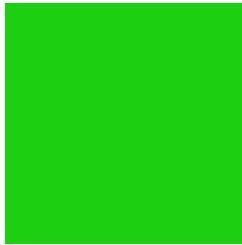


260029



# Previews

## White Background



This preview shows how the Hex color 1CD011 looks on a white background.

## Color Contrast Check

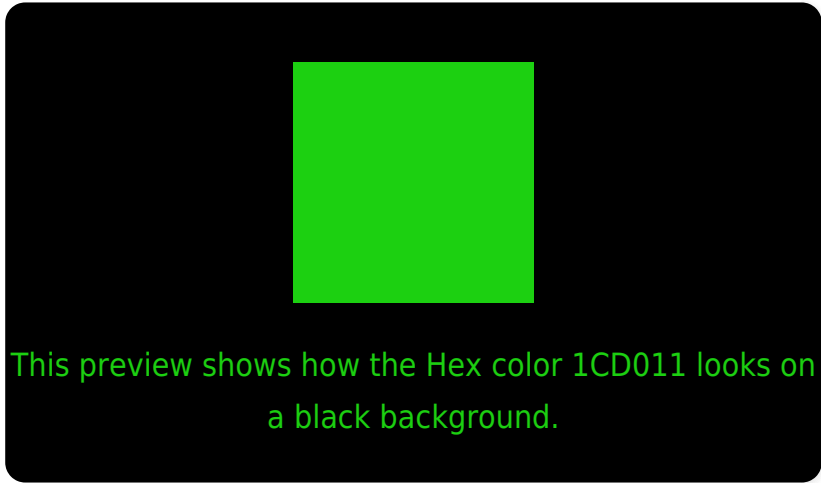
Large Text (above 18pt) WCAG AA × Fail

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 1CD011 Background



This preview shows how black text looks on a background with the Hex color 1CD011.

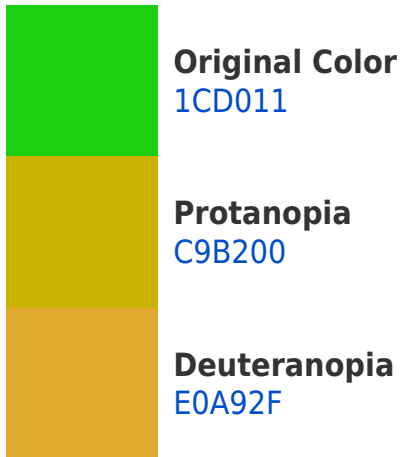


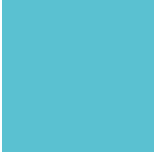
This preview shows how white text looks on a background with the Hex color 1CD011.

# 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](#).

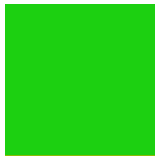
## Dichromacy





**Tritanopia**  
5AC1D1

# Trichromacy



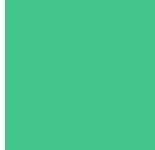
**Original Color**  
1CD011



**Protanomaly**  
8ABD06



**Deuteranomaly**  
99B724



**Tritanomaly**  
43C68B

# Monochromacy



**Original Color**  
1CD011



**Achromatopsia**  
848484



**Achromatomaly**  
5EA05A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1CD011 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 #1CD011 looks like.

```
.text, #text, p{  
    color:#1CD011  
}
```

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 #1CD011 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1CD011
}
```

## Border

The CSS property to change the border of an element to Hex 1CD011 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
#1CD011 }
```

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

```
.border{ border-color:#1CD011 }
```

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

Here you see how a box with a 4 pixel #1CD011 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1CD011; -webkit-box-shadow:4px 4px  
4px 4px #1CD011; box-shadow:4px 4px 4px  
4px #1CD011 }
```

# Background

The CSS property to change the background color of an element to Hex 1CD011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1CD011 }
```

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

```
.background{ background-color:#1CD011 }
```

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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