

# Converting Colors

Hex(1CC400)

Have a look what the booklet for  
Hex(1CC400) contains.

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# Color

Hex(1CC400)

# Conversions

## Conversions Part 1

Format	Color
Hex	1CC400
RGB	28, 196, 0
RGB Percent	11%, 77%, 0%
CMY	0.8902, 0.2314, 1.0000
CMYK	0.86, 0.00, 1.00, 0.23
HSL	111°, 100%, 38%
HSV	111°, 100%, 77%
XYZ	20.2188, 39.7267, 6.6024
YIQ	123.4240, -37.2120, -96.5720

# Conversions

## Conversions Part 2

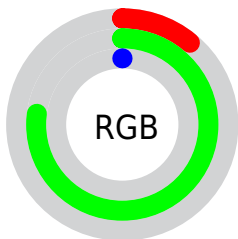
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 196, 168
Decimal	1885184
CIELab	69.27, -69.09, 68.45
CIELCh	69, 97.255, 135.265
Yxy	39.7267, 0.3038, 0.5970
Android (android.graphics.Color)	4280075264 (0xFF1CC400)
YUV	123.4240, -60.8480, -83.6868
Hunter-Lab	63.0291, -53.0408, 37.9097

# Details

The Hex color **1CC400** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **A800C4**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **6EFE50**, and **008C00** is the 20% darker color. If you saturate the color by 10%, you get **1CC400**, and if you desaturate by 10%, it is **2DC414**.

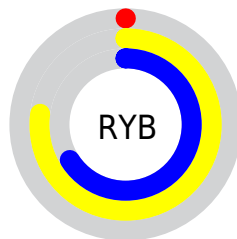
# Distribution



Red (11%)

Green (77%)

Blue (0%)



Red (0%)

Yellow (77%)

Blue (66%)

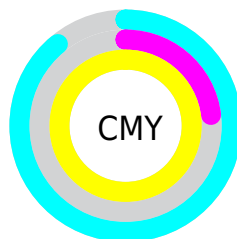


Cyan (86%)

Magenta (0%)

Yellow (100%)

Black (23%)



Cyan (89%)

Magenta (23%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1CC400 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 1CC400 by changing the saturation by 10% instead.



 1CC400

 1CC400

FFFFFF

 00A800

 6EFE50

 008C00

 8EFF6C

 007200

 ADFF89

 005800

 CCFFA5

 003F00

 EBFFC2

 002600

 FFFFDF

 000000

 FFFFFD

 1CC400

 2DC414

 3EC427

 4EC43B

 5FC44E

 70C462

 81C476

 92C489

 A2C49D

 B3C4B0

# Harmonies

## Analogous

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



A3B300



1CC400



00CC79

# Triad

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



1CC400



00C0FF



FF3281

# Complementary

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



1CC400



A800C4

# 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.



FF3FD8



1CC400



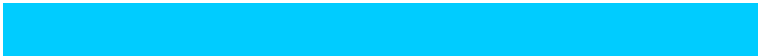
00A5FF

# Square

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



1CC400



00CCFF



E278FF



FF6829

# Rectangle

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



1CC400



00CEB7



E278FF



FF299E

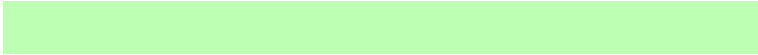


# Sweetspot

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



1CC400



BDFFB3



C4A700



588052



000000



808080



# Same Dimension

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



1CC400



24FF00



00C445



596157



17A100



052100



# Inverse Universe

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



A800C4



DB00FF



C4007F



605761



8A00A1

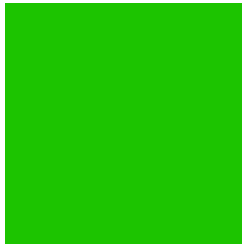


1C0021



# Previews

## White Background



This preview shows how the Hex color 1CC400 looks on a white background.

## Color Contrast Check

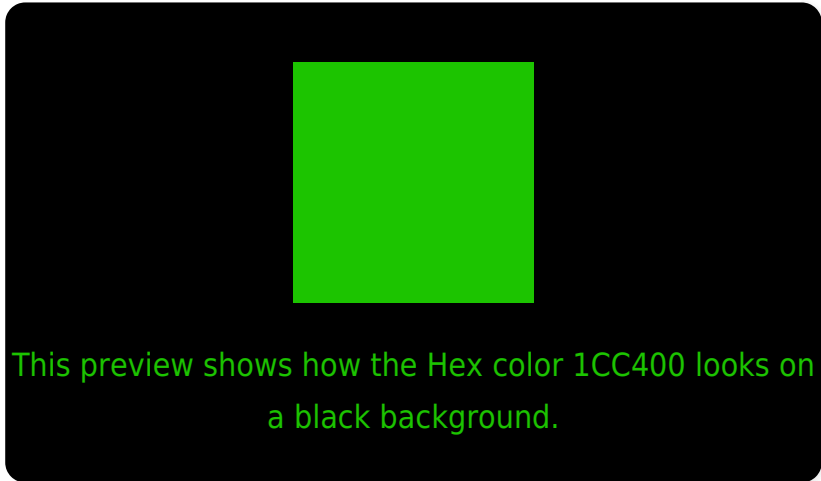
Large Text (above 18pt) WCAG AA × Fail

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 1CC400 Background



This preview shows how black text looks on a background with the Hex color 1CC400.

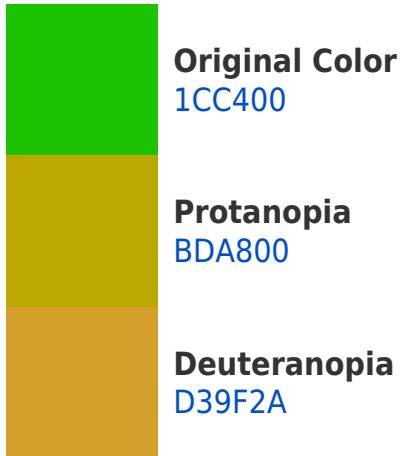


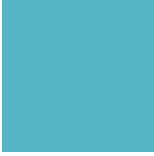
This preview shows how white text looks on a background with the Hex color 1CC400.

# 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](#).

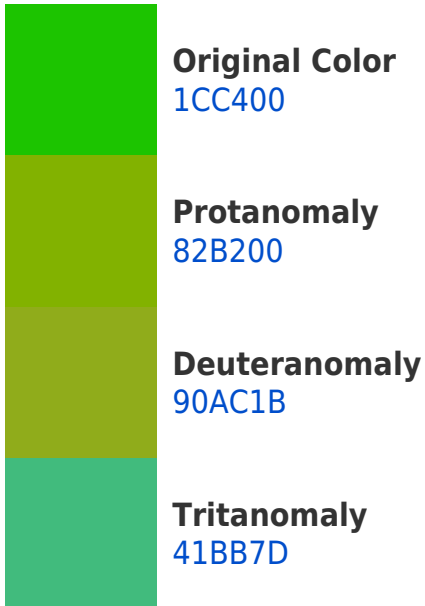
## Dichromacy



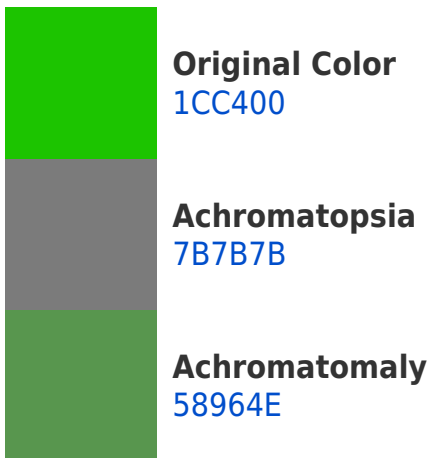


**Tritanopia**  
56B6C5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1CC400 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 #1CC400 looks like.

```
.text, #text, p{  
    color:#1CC400  
}
```

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 #1CC400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1CC400
}
```

## Border

The CSS property to change the border of an element to Hex 1CC400 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
#1CC400 }
```

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

```
.border{ border-color:#1CC400 }
```

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

Here you see how a box with a 4 pixel #1CC400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1CC400; -webkit-box-shadow:4px 4px  
4px 4px #1CC400; box-shadow:4px 4px 4px  
4px #1CC400 }
```

# Background

The CSS property to change the background color of an element to Hex 1CC400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1CC400 }
```

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

```
.background{ background-color:#1CC400 }
```

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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