

# Converting Colors

Hex(41C700)

Have a look what the booklet for  
Hex(41C700) contains.

<b>Hex(41C700)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(41C700)**

# Conversions

## Conversions Part 1

Format	Color
Hex	41C700
RGB	65, 199, 0
RGB Percent	25%, 78%, 0%
CMY	0.7451, 0.2196, 1.0000
CMYK	0.67, 0.00, 1.00, 0.22
HSL	100°, 100%, 39%
HSV	100°, 100%, 78%
XYZ	22.6034, 41.9707, 6.9098
YIQ	136.2480, -15.9850, -90.2970

# Conversions

## Conversions Part 2

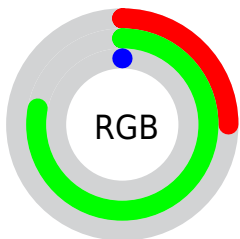
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 199, 134
Decimal	4310784
CIELab	70.85, -64.58, 69.97
CIELCh	71, 95.216, 132.707
Yxy	41.9707, 0.3162, 0.5871
Android (android.graphics.Color)	4282500864 (0xFF41C700)
YUV	136.2480, -67.1703, -62.4845
Hunter-Lab	64.7848, -51.0947, 39.0256

# Details

The Hex color **41C700** 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 **8600C7**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **83FF51**, and **009000** is the 20% darker color. If you saturate the color by 10%, you get **41C700**, and if you desaturate by 10%, it is **4EC714**.

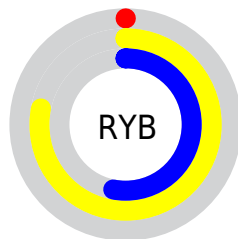
# Distribution



Red (25%)

Green (78%)

Blue (0%)



Red (0%)

Yellow (78%)

Blue (53%)

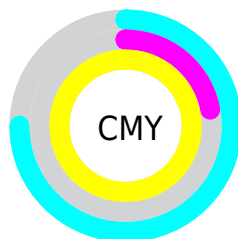


Cyan (67%)

Magenta (0%)

Yellow (100%)

Black (22%)



Cyan (75%)

Magenta (22%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 41C700 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 41C700 by changing the saturation by 10% instead.



 41C700

 41C700

FFFFFF

 0CAB00

 83FF51

 009000

 A2FF6E

 007500

 C0FF8A

 005B00

 DFFFA7

 004200

 FEFFC3

 002A00

 FFFFE1

 000600

 000000

 41C700

 4EC714

 5CC728

 69C73C

 77C750

 84C764

 91C777

 9FC78B

 ACC79F

 BAC7B3

# Harmonies

## Analogous

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



AFB500



41C700



00D076

# Triad

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



41C700



00C5FF



FF3E8D

# Complementary

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



41C700



8600C7

# 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.



FF4EE3



41C700



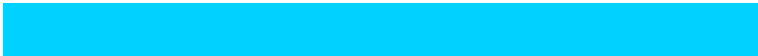
00ACFF

# Square

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



41C700



00D1FF



DC82FF



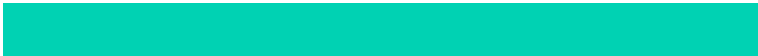
FF6A39

# Rectangle

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



41C700



00D2B3



DC82FF



FF3AA9

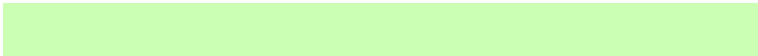


# Sweetspot

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



41C700



CBFFB3



C78500



618052



000000



808080



# Same Dimension

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



41C700



53FF00



00C721



5D635A



35A300



0C2400



# Inverse Universe

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



8600C7



AC00FF



C700A6



605A63



6E00A3

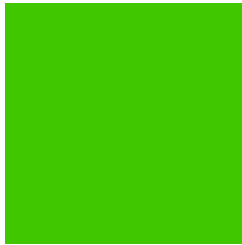


180024



# Previews

## White Background



This preview shows how the Hex color 41C700 looks on a white background.

## Color Contrast Check

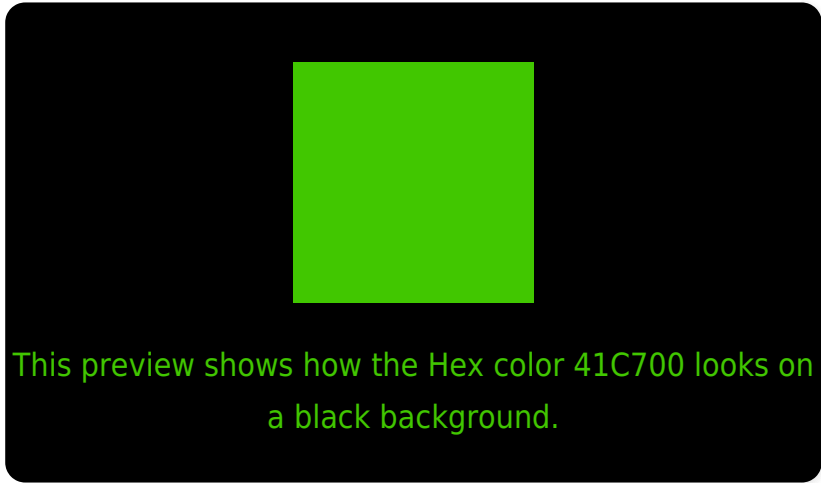
Large Text (above 18pt) WCAG AA × Fail

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

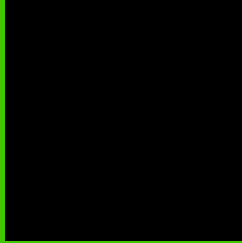
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 41C700 Background



This preview shows how black text looks on a background with the Hex color 41C700.

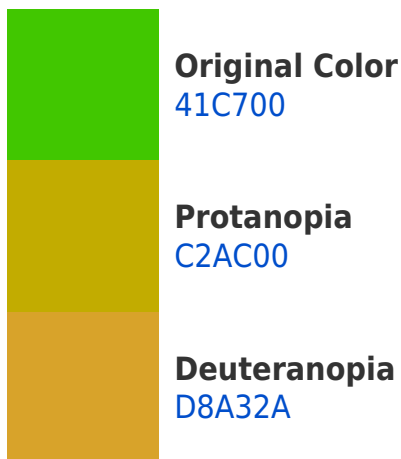


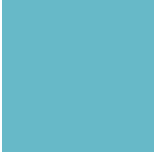
This preview shows how white text looks on a background with the Hex color 41C700.

# 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](#).

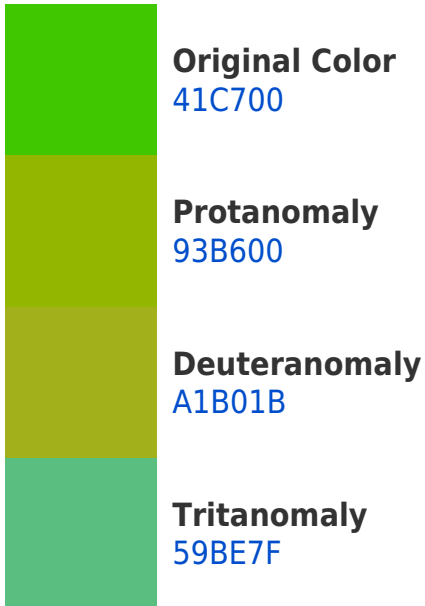
## Dichromacy



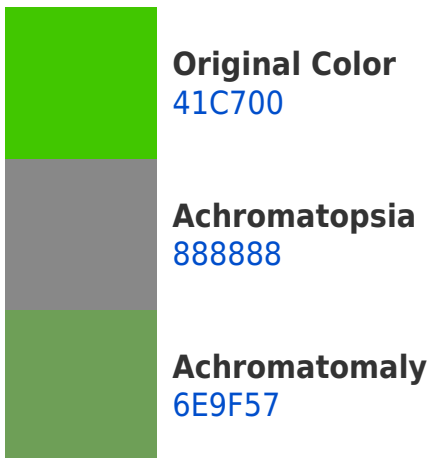


**Tritanopia**  
67B9C8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 41C700 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 #41C700 looks like.

```
.text, #text, p{  
    color:#41C700  
}
```

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 #41C700 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41C700
}
```

## Border

The CSS property to change the border of an element to Hex 41C700 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
#41C700 }
```

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

```
.border{ border-color:#41C700 }
```

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

Here you see how a box with a 4 pixel #41C700 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41C700; -webkit-box-shadow:4px 4px  
4px 4px #41C700; box-shadow:4px 4px 4px  
4px #41C700 }
```

# Background

The CSS property to change the background color of an element to Hex 41C700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41C700 }
```

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

```
.background{ background-color:#41C700 }
```

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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