

# Converting Colors

Hex(41C300)

Have a look what the booklet for  
Hex(41C300) contains.

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**Color**

**Hex(41C300)**

# Conversions

## Conversions Part 1

Format	Color
Hex	41C300
RGB	65, 195, 0
RGB Percent	25%, 76%, 0%
CMY	0.7451, 0.2353, 1.0000
CMYK	0.67, 0.00, 1.00, 0.24
HSL	100°, 100%, 38%
HSV	100°, 100%, 76%
XYZ	21.6951, 40.1540, 6.6071
YIQ	133.9000, -14.8850, -88.2050

# Conversions

## Conversions Part 2

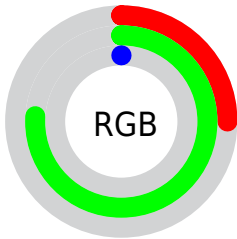
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 195, 130
Decimal	4309760
CIELab	69.58, -63.31, 68.96
CIELCh	70, 93.610, 132.553
Yxy	40.1540, 0.3169, 0.5866
Android (android.graphics.Color)	4282499840 (0xFF41C300)
YUV	133.9000, -66.0127, -60.4253
Hunter-Lab	63.3672, -49.7794, 38.1751

# Details

The Hex color **41C300** 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 **8200C3**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **82FD50**, and **008C00** is the 20% darker color. If you saturate the color by 10%, you get **41C300**, and if you desaturate by 10%, it is **4EC313**.

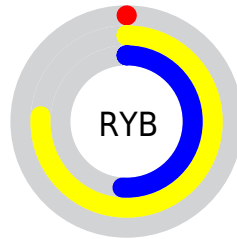
# Distribution



Red (25%)

Green (76%)

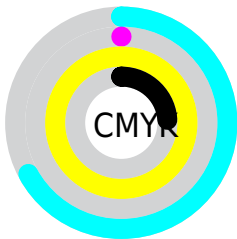
Blue (0%)



Red (0%)

Yellow (76%)

Blue (51%)

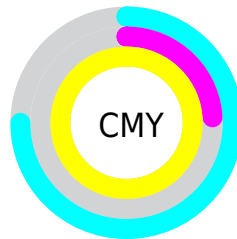


Cyan (67%)

Magenta (0%)

Yellow (100%)

Black (24%)



Cyan (75%)

Magenta (24%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 41C300 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 41C300 by changing the saturation by 10% instead.



 41C300

 41C300

FFFFFF

 0FA700

 82FD50

 008C00

 A1FF6C

 007100

 BFFF89

 005700

 DEFFA5

 003F00

 FCFC2

 002700

 FFFFDF

 000000

 FFFFFD

 41C300

 4EC313

 5BC327

 68C33B

 75C34E

 82C362

 8FC375

 9CC388

 A9C39C

 B6C3B0

# Harmonies

## Analogous

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



ACB100



41C300



00CC73

# Triad

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



41C300



00C2FF



FF3D8A

# Complementary

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



41C300



8200C3

# 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.



FF4DDF



41C300



00A9FF

# Square

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



41C300



00CDFE



D780FF



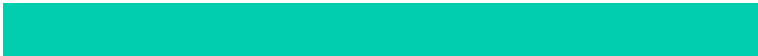
FF6838

# Rectangle

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



41C300



00CEAF



D780FF



FF39A7

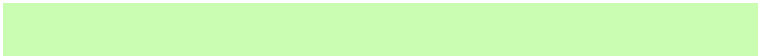


# Sweetspot

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



41C300



CAFCB1



C38200



618052



000000



808080



# Same Dimension

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



41C300



54FC00



00C320



5A6157



36A100



0B2100



# Inverse Universe

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



8200C3



A800FC



C300A2



5E5761



6B00A1

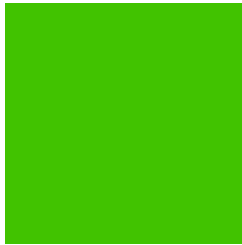


160021



# Previews

## White Background



This preview shows how the Hex color 41C300 looks on a white background.

## Color Contrast Check

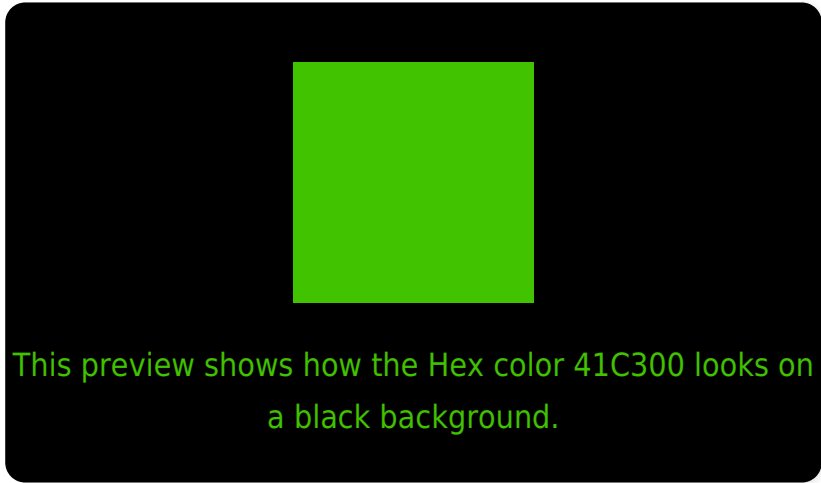
Large Text (above 18pt) WCAG AA × Fail

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 41C300 Background



This preview shows how black text looks on a background with the Hex color 41C300.

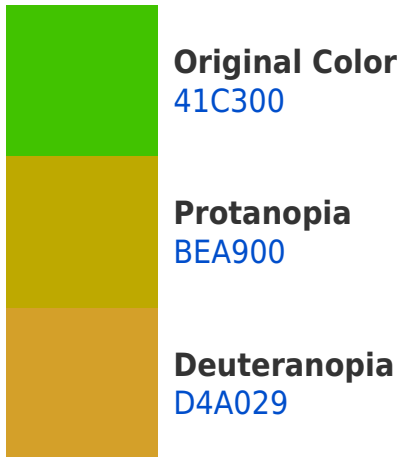


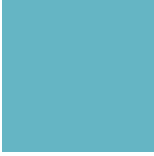
This preview shows how white text looks on a background with the Hex color 41C300.

# 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](#).

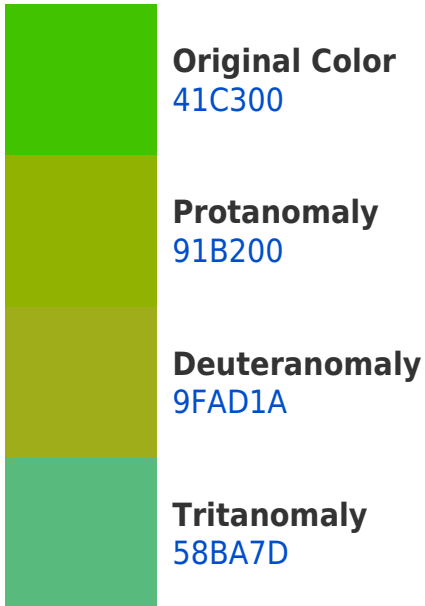
## Dichromacy



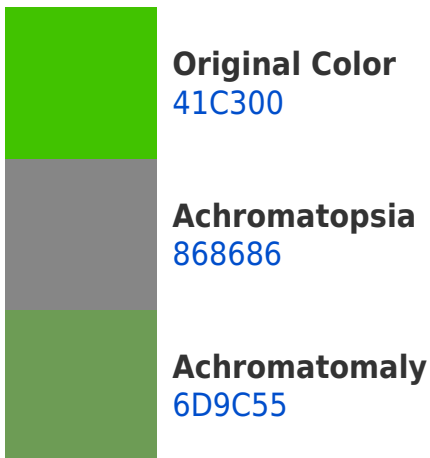


**Tritanopia**  
65B5C4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 41C300 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 #41C300 looks like.

```
.text, #text, p{  
    color:#41C300  
}
```

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 #41C300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41C300
}
```

## Border

The CSS property to change the border of an element to Hex 41C300 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
#41C300 }
```

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

```
.border{ border-color:#41C300 }
```

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

Here you see how a box with a 4 pixel #41C300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41C300; -webkit-box-shadow:4px 4px  
4px 4px #41C300; box-shadow:4px 4px 4px  
4px #41C300 }
```

# Background

The CSS property to change the background color of an element to Hex 41C300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41C300 }
```

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

```
.background{ background-color:#41C300 }
```

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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