

# Converting Colors

Hex(41CF2C)

Have a look what the booklet for  
Hex(41CF2C) contains.

<b>Hex(41CF2C)</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(41CF2C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	41CF2C
RGB	65, 207, 44
RGB Percent	25%, 81%, 17%
CMY	0.7451, 0.1882, 0.8275
CMYK	0.69, 0.00, 0.79, 0.19
HSL	112°, 65%, 49%
HSV	112°, 79%, 81%
XYZ	24.9474, 45.9313, 9.9336
YIQ	145.9600, -32.3090, -80.7970

# Conversions

## Conversions Part 2

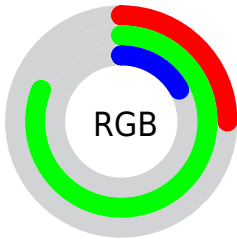
Format	Color
<b>RYB</b>	44, 207, 186
Decimal	4312876
CIELab	73.50, -65.65, 64.28
CIELCh	74, 91.874, 135.604
Yxy	45.9313, 0.3087, 0.5684
Android (android.graphics.Color)	4282502956 (0xFF41CF2C)
YUV	145.9600, -50.2663, -71.0019
Hunter-Lab	67.7726, -52.8955, 38.7505

# Details

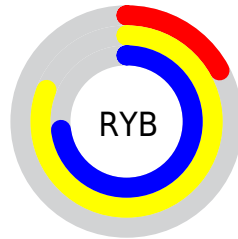
The Hex color **41CF2C** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **BA2CCF**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **84FF67**, and **009700** is the 20% darker color. If you saturate the color by 10%, you get **2FCF17**, and if you desaturate by 10%, it is **53CF41**.

# Distribution



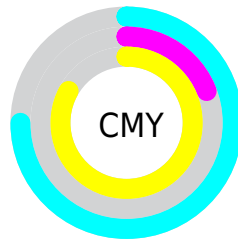
- Red (25%)
- Green (81%)
- Blue (17%)



- Red (17%)
- Yellow (81%)
- Blue (73%)



- Cyan (69%)
- Magenta (0%)
- Yellow (79%)
- Black (19%)



- Cyan (75%)
- Magenta (19%)
- Yellow (83%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 41CF2C 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 41CF2C by changing the saturation by 10% instead.



 41CF2C

 41CF2C

FFFFFF

 09B300

 84FF67

 009700

 A2FF83

 007C00

 C1FF9F

 006200

 E0FFBB

 004800

 FEFFD8

 003100

 FFFFF6

 001500

 000000

 41CF2C

 41CF2C

 2FCF17

 53CF41

 1DCF03

 65CF55

 1BCF00

 77CF6A

 89CF7F

 9BCF94

 ADCFA8

 BFCFBD

 D1CFD2

 E3CFE6

# Harmonies

## Analogous

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



B0BE00



41CF2C



00D788

# Triad

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



41CF2C



00CAFF



FF548D

# Complementary

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



41CF2C



BA2CCF

# 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.



FF5BE1



41CF2C



2EB0FF

# Square

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



41CF2C



00D7FF



EE87FF



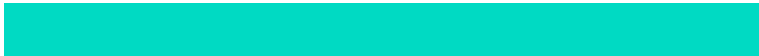
FF7A3C

# Rectangle

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



41CF2C



00DAC3



EE87FF



FF4FA8

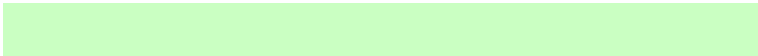


# Sweetspot

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



41CF2C



CAFFC2



CFB92C



5F805B



000000



808080



# Same Dimension

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



41CF2C



2EFF0F



2CCF68



5F695E



16A800



052900



# Inverse Universe

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



BA2CCF



E00FFF



CF2C93



675E69



9300A8

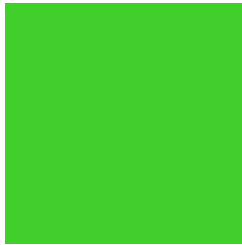


240029



# Previews

## White Background



This preview shows how the Hex color 41CF2C looks on a white background.

## Color Contrast Check

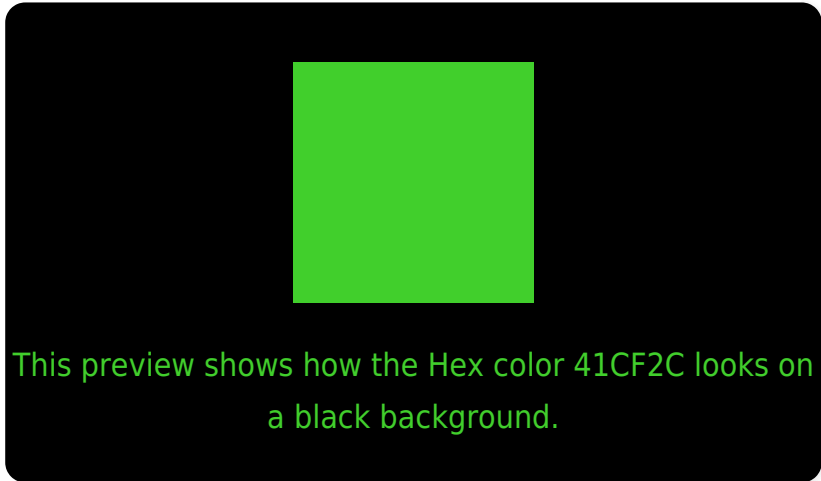
Large Text (above 18pt) WCAG AA × Fail

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 41CF2C Background



This preview shows how black text looks on a background with the Hex color 41CF2C.

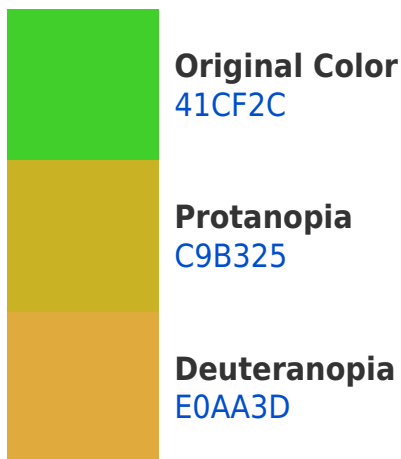


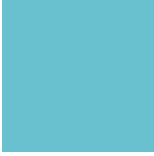
This preview shows how white text looks on a background with the Hex color 41CF2C.

# 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**  
69C1D0

# Trichromacy



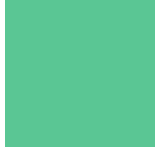
**Original Color**  
41CF2C



**Protanomaly**  
98BD28



**Deuteranomaly**  
A6B737



**Tritanomaly**  
5AC694

# Monochromacy



**Original Color**  
41CF2C



**Achromatopsia**  
929292



**Achromatomaly**  
75A86D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 41CF2C 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 #41CF2C looks like.

```
.text, #text, p{  
    color:#41CF2C  
}
```

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 #41CF2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41CF2C
}
```

## Border

The CSS property to change the border of an element to Hex 41CF2C 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
#41CF2C }
```

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

```
.border{ border-color:#41CF2C }
```

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

Here you see how a box with a 4 pixel #41CF2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41CF2C; -webkit-box-shadow:4px 4px  
4px 4px #41CF2C; box-shadow:4px 4px 4px  
4px #41CF2C }
```

# Background

The CSS property to change the background color of an element to Hex 41CF2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41CF2C }
```

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

```
.background{ background-color:#41CF2C }
```

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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