

# Converting Colors

Hex(41C232)

Have a look what the booklet for  
Hex(41C232) contains.

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**Color**

**Hex(41C232)**

# Conversions

## Conversions Part 1

Format	Color
Hex	41C232
RGB	65, 194, 50
RGB Percent	25%, 76%, 20%
CMY	0.7451, 0.2392, 0.8039
CMYK	0.66, 0.00, 0.74, 0.24
HSL	114°, 59%, 48%
HSV	114°, 74%, 76%
XYZ	22.0475, 39.9377, 9.5643
YIQ	139.0130, -30.6600, -72.1320

# Conversions

## Conversions Part 2

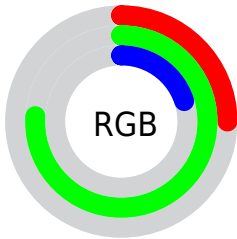
<b>Format</b>	<b>Color</b>
<b>RYB</b>	50, 194, 179
Decimal	4309554
CIELab	69.43, -61.00, 58.38
CIELCh	69, 84.431, 136.256
Yxy	39.9377, 0.3081, 0.5582
Android (android.graphics.Color)	4282499634 (0xFF41C232)
YUV	139.0130, -43.8834, -64.9094
Hunter-Lab	63.1963, -48.3196, 35.2642

# Details

The Hex color **41C232** 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 **B332C2**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **81FC6A**, and **008B00** is the 20% darker color. If you saturate the color by 10%, you get **30C21F**, and if you desaturate by 10%, it is **52C245**.

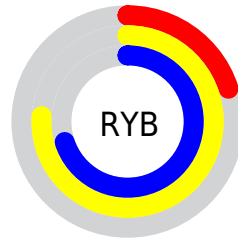
# Distribution



Red (25%)

Green (76%)

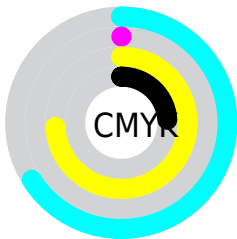
Blue (20%)



Red (20%)

Yellow (76%)

Blue (70%)

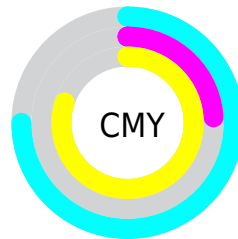


Cyan (66%)

Magenta (0%)

Yellow (74%)

Black (24%)



Cyan (75%)

Magenta (24%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 41C232 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 41C232 by changing the saturation by 10% instead.





41C232



41C232

FFFFFF



13A60F



81FC6A



008B00



9FFF85



007000



BDFFA1



005700



DBFFBD



003E00



FAFFDA



002600



FFFFFF7



000000



41C232



41C232



30C21F



52C245

 1EC20B

 64C259

 14C200

 75C26C

 87C280

 98C293

 A9C2A6

 BBC2BA

 CCC2CD

 DDC2E1

# Harmonies

## Analogous

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



A5B300



41C232



00CA82

# Triad

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



41C232



00BDFE



FF5584

# Complementary

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



41C232



B332C2

# 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.



FF5AD0



41C232



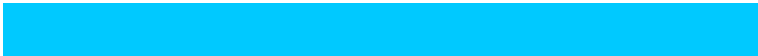
46A4FF

# Square

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



41C232



00C9FF



E080FF



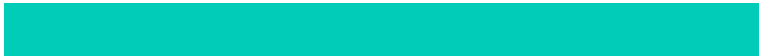
FF763B

# Rectangle

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



41C232



00CCB8



E080FF



FF519D

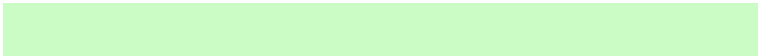


# Sweetspot

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



41C232



CBFCC5



C2B132



62805E



000000



808080



# Same Dimension

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



41C232



33FC1C



32C269



586157



11A100



032100



# Inverse Universe

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



B332C2



E51CFC



C2328B



605761



9000A1

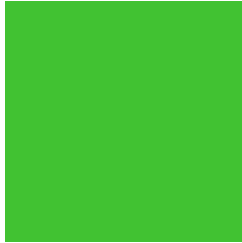


1E0021



# Previews

## White Background



This preview shows how the Hex color 41C232 looks on a white background.

## Color Contrast Check

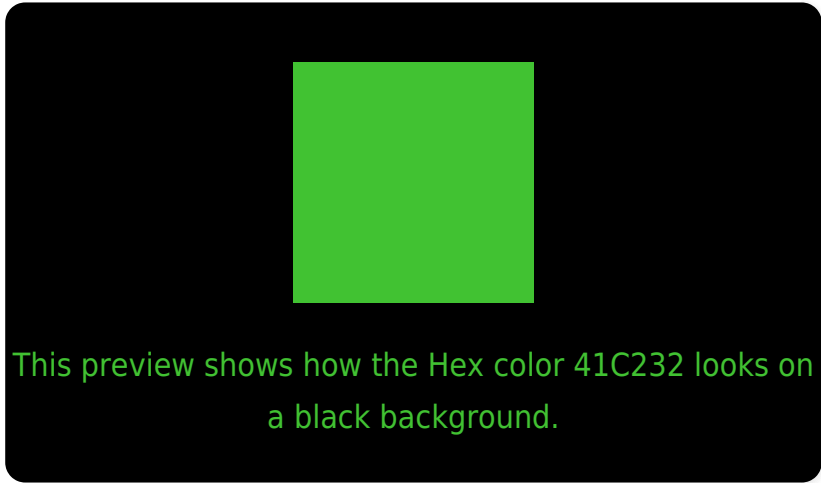
Large Text (above 18pt) WCAG AA × Fail

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 41C232 Background



This preview shows how black text looks on a background with the Hex color 41C232.



This preview shows how white text looks on a background with the Hex color 41C232.

# 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](#).

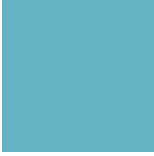
## Dichromacy



**Original Color**  
41C232

**Protanopia**  
BDA92B

**Deuteranopia**  
D2A040



**Tritanopia**  
64B5C4

# Trichromacy



**Original Color**  
41C232



**Protanomaly**  
90B22E



**Deuteranomaly**  
9DAC3B



**Tritanomaly**  
57BA8F

# Monochromacy



**Original Color**  
41C232



**Achromatopsia**  
8B8B8B



**Achromatomaly**  
709F6B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 41C232 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 #41C232 looks like.

```
.text, #text, p{  
    color:#41C232  
}
```

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 #41C232 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #41C232
}
```

## Border

The CSS property to change the border of an element to Hex 41C232 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
#41C232 }
```

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

```
.border{ border-color:#41C232 }
```

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

Here you see how a box with a 4 pixel #41C232 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #41C232; -webkit-box-shadow:4px 4px  
4px 4px #41C232; box-shadow:4px 4px 4px  
4px #41C232 }
```

# Background

The CSS property to change the background color of an element to Hex 41C232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#41C232 }
```

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

```
.background{ background-color:#41C232 }
```

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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