

# Converting Colors

Hex(4CD71A)

Have a look what the booklet for  
Hex(4CD71A) contains.

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# Color

Hex(4CD71A)

# Conversions

## Conversions Part 1

Format	Color
Hex	4CD71A
RGB	76, 215, 26
RGB Percent	30%, 84%, 10%
CMY	0.7020, 0.1569, 0.8980
CMYK	0.65, 0.00, 0.88, 0.16
HSL	104°, 78%, 47%
HSV	104°, 88%, 84%
XYZ	27.4674, 50.2120, 9.2215
YIQ	151.8930, -22.1750, -88.2470

# Conversions

## Conversions Part 2

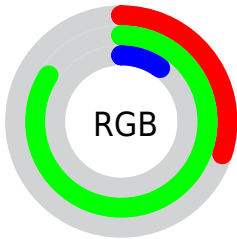
<b>Format</b>	<b>Color</b>
<b>RYB</b>	26, 215, 165
Decimal	5035802
CIELab	76.20, -66.84, 71.13
CIELCh	76, 97.610, 133.218
Yxy	50.2120, 0.3161, 0.5778
Android (android.graphics.Color)	4283225882 (0xFF4CD71A)
YUV	151.8930, -62.0652, -66.5582
Hunter-Lab	70.8604, -54.8143, 41.8865

# Details

The Hex color **4CD71A** 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 **A51AD7**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **8EFF5D**, and **009F00** is the 20% darker color. If you saturate the color by 10%, you get **3CD704**, and if you desaturate by 10%, it is **5CD72F**.

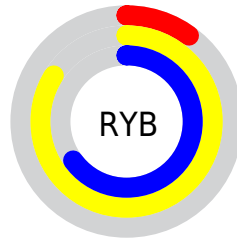
# Distribution



Red (30%)

Green (84%)

Blue (10%)



Red (10%)

Yellow (84%)

Blue (65%)

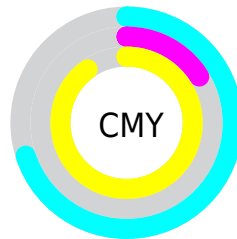


Cyan (65%)

Magenta (0%)

Yellow (88%)

Black (16%)



Cyan (70%)

Magenta (16%)

Yellow (90%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4CD71A 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 4CD71A by changing the saturation by 10% instead.



 4CD71A

 4CD71A

FFFFFF

 20BB00

 8EFF5D

 009F00

 ACFF7A

 008400

 CBFF96

 006900

 EAFFB3

 004F00

 FFFFD0

 003800

 FFFFEE

 001E00

 000000

 4CD71A

 4CD71A

 3CD704

 5CD72F

 39D700

 6CD745

 7BD75A

 8BD770

 9BD785

 ABD79B

 BBD7B1

 CAD7C6

 DAD7DC

# Harmonies

## Analogous

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



BDC400



4CD71A



00E084

# Triad

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



4CD71A



00D4FF



FF4E98

# Complementary

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



4CD71A



A51AD7

# 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.



FF5CF2



4CD71A



00BAFF

# Square

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



4CD71A



00E1FF



EF8FFF



FF7841

# Rectangle

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



4CD71A



00E3C3



EF8FFF



FF4BB6

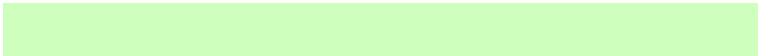


# Sweetspot

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



4CD71A



CEFFBD



D7A51A



628058



000000



808080



# Same Dimension

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



4CD71A



43FF00



1AD746



636B60



2DAB00



0B2B00



# Inverse Universe

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



A51AD7



BC00FF



D71AAB



68606B



7E00AB

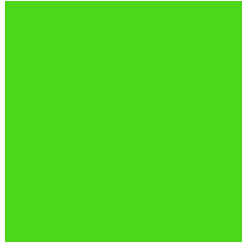


20002B



# Previews

## White Background



This preview shows how the Hex color 4CD71A looks on a white background.

## Color Contrast Check

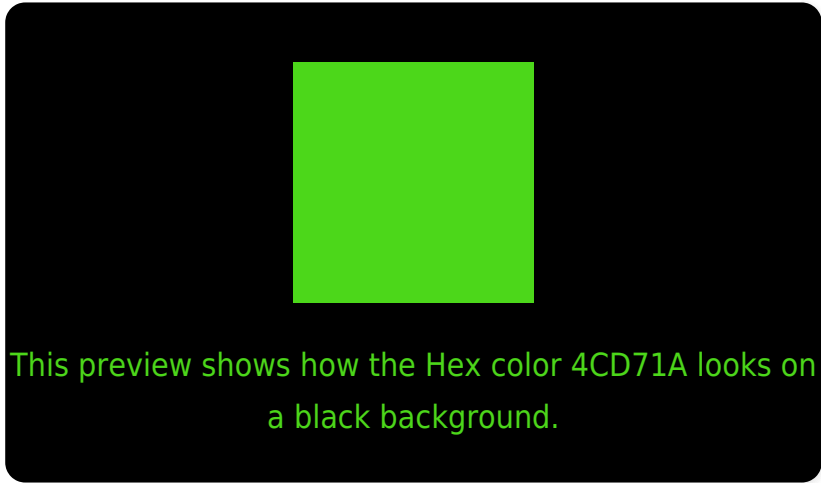
Large Text (above 18pt) WCAG AA × Fail

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

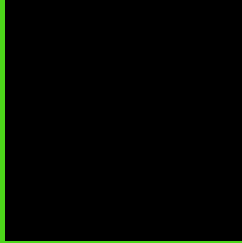
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 4CD71A Background



This preview shows how black text looks on a background with the Hex color 4CD71A.



This preview shows how white text looks on a background with the Hex color 4CD71A.

# 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](#).

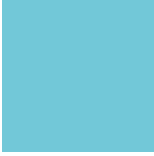
## Dichromacy



**Original Color**  
4CD71A

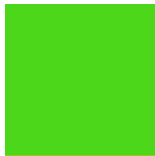
**Protanopia**  
D2BB0F

**Deuteranopia**  
EAB133



**Tritanopia**  
72C8D8

# Trichromacy



**Original Color**  
4CD71A



**Protanomaly**  
A1C513



**Deuteranomaly**  
B1BF2A



**Tritanomaly**  
64CD93

# Monochromacy



**Original Color**  
4CD71A



**Achromatopsia**  
989898



**Achromatomaly**  
7CAF6A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4CD71A 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 #4CD71A looks like.

```
.text, #text, p{  
    color:#4CD71A  
}
```

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 #4CD71A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4CD71A
}
```

## Border

The CSS property to change the border of an element to Hex 4CD71A 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
#4CD71A }
```

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

```
.border{ border-color:#4CD71A }
```

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

Here you see how a box with a 4 pixel #4CD71A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4CD71A; -webkit-box-shadow:4px 4px  
4px 4px #4CD71A; box-shadow:4px 4px 4px  
4px #4CD71A }
```

# Background

The CSS property to change the background color of an element to Hex 4CD71A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4CD71A }
```

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

```
.background{ background-color:#4CD71A }
```

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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