

# Converting Colors

Hex(2CAD3C)

Have a look what the booklet for  
Hex(2CAD3C) contains.

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# **Color**

**Hex(2CAD3C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2CAD3C
RGB	44, 173, 60
RGB Percent	17%, 68%, 24%
CMY	0.8275, 0.3216, 0.7647
CMYK	0.75, 0.00, 0.65, 0.32
HSL	127°, 59%, 43%
HSV	127°, 75%, 68%
XYZ	16.7979, 30.7489, 9.3247
YIQ	121.5470, -40.6110, -62.4910

# Conversions

## Conversions Part 2

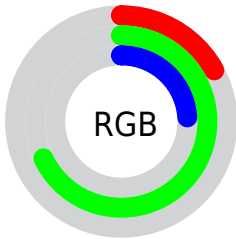
Format	Color
<a href="#">RYB</a>	<a href="#">44, 159, 173</a>
Decimal	<a href="#">2927932</a>
CIELab	<a href="#">62.30, -56.89, 46.83</a>
CIELCh	<a href="#">62, 73.686, 140.535</a>
Yxy	<a href="#">30.7489, 0.2954, 0.5407</a>
Android (android.graphics.Color)	<a href="#">4281118012 (0xFF2CAD3C)</a>
YUV	<a href="#">121.5470, -30.3427, -68.0087</a>
Hunter-Lab	<a href="#">55.4517, -42.9676, 28.8460</a>

# Details

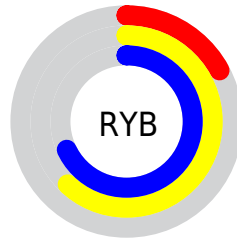
The Hex color **2CAD3C** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **AD2C9D**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **6EE670**, and **007700** is the 20% darker color. If you saturate the color by 10%, you get **1BAD2D**, and if you desaturate by 10%, it is **3DAD4B**.

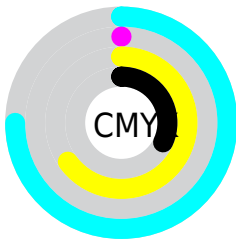
# Distribution



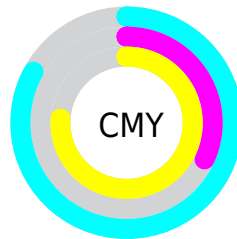
- Red (17%)
- Green (68%)
- Blue (24%)



- Red (17%)
- Yellow (62%)
- Blue (68%)



- Cyan (75%)
- Magenta (0%)
- Yellow (65%)
- Black (32%)



- Cyan (83%)
- Magenta (32%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2CAD3C 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 2CAD3C by changing the saturation by 10% instead.





2CAD3C



2CAD3C

FFFFFF



009221



6EE670



007700



8CFF8B



005D00



A9FFA6



004400



C7FFC2



002E00



E5FFDE



000F00



FFFFFFB



000000



2CAD3C



2CAD3C



1BAD2D



3DAD4B

■ 09AD1E

■ 4FAD5A

■ 00AD15

■ 60AD69

■ 71AD79

■ 83AD88

■ 94AD97

■ A5ADA6

■ B6ADB5

■ C8ADC4

# Harmonies

## Analogous

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



8AA100



2CAD3C



00B37F

# Triad

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



2CAD3C



00A4FF



FF546D

# Complementary

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



2CAD3C



AD2C9D

# 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.



FF53AE



2CAD3C



668EFF

# Square

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



2CAD3C



00B0FB



D06FEB



F37030

# Rectangle

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



2CAD3C



00B4AD



D06FEB



FF5082



# Sweetspot

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



2CAD3C



AFE0B5



9EAD2C



537057



F0F0F0



707070



# Same Dimension

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



2CAD3C



19E031



2CAD7C



4E574F



009613



001703



# Inverse Universe

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



AD2C9D



E019C8



AD2C5D



574E56



960084



170014



# Previews

## White Background



This preview shows how the Hex color 2CAD3C looks on a white background.

## Color Contrast Check

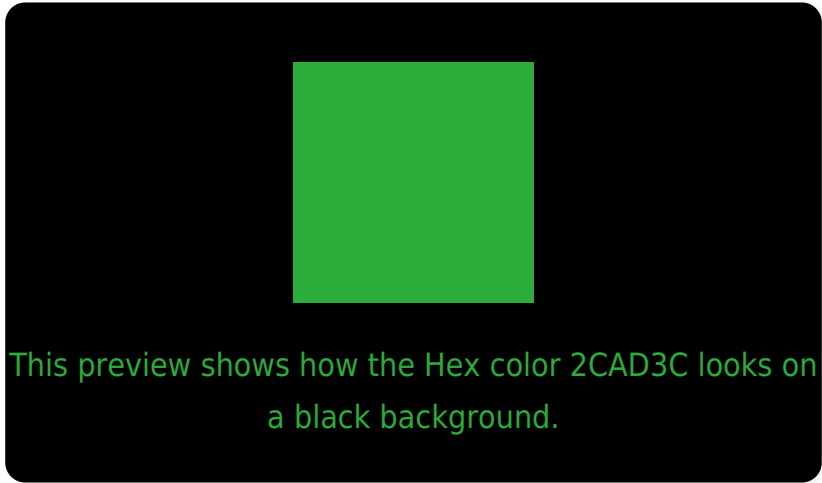
Large Text (above 18pt) WCAG AA × Fail

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 2CAD3C Background



This preview shows how black text looks on a background with the Hex color 2CAD3C.



This preview shows how white text looks on a background with the Hex color 2CAD3C.

# 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**  
2CAD3C

**Protanopia**  
A79635

**Deuteranopia**  
B98E46



**Tritanopia**  
50A2AF

# Trichromacy



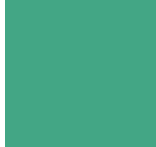
**Original Color**  
2CAD3C



**Protanomaly**  
7A9E38



**Deuteranomaly**  
869942



**Tritanomaly**  
43A685

# Monochromacy



**Original Color**  
2CAD3C



**Achromatopsia**  
7A7A7A



**Achromatomaly**  
5E8D63

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2CAD3C 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 #2CAD3C looks like.

```
.text, #text, p{  
    color:#2CAD3C  
}
```

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 #2CAD3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2CAD3C
}
```

## Border

The CSS property to change the border of an element to Hex 2CAD3C 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
#2CAD3C }
```

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

```
.border{ border-color:#2CAD3C }
```

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

Here you see how a box with a 4 pixel #2CAD3C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2CAD3C; -webkit-box-shadow:4px 4px  
4px 4px #2CAD3C; box-shadow:4px 4px 4px  
4px #2CAD3C }
```

# Background

The CSS property to change the background color of an element to Hex 2CAD3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2CAD3C }
```

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

```
.background{ background-color:#2CAD3C }
```

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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