

# Converting Colors

Hex(2CD52A)

Have a look what the booklet for  
Hex(2CD52A) contains.

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# **Color**

**Hex(2CD52A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2CD52A
RGB	44, 213, 42
RGB Percent	17%, 84%, 16%
CMY	0.8275, 0.1647, 0.8353
CMYK	0.79, 0.00, 0.80, 0.16
HSL	119°, 67%, 50%
HSV	119°, 80%, 84%
XYZ	25.2509, 48.2911, 10.1808
YIQ	142.9750, -45.8330, -89.0090

# Conversions

## Conversions Part 2

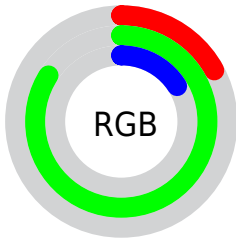
Format	Color
<b>RYB</b>	42, 213, 211
Decimal	2938154
CIELab	75.01, -70.85, 66.13
CIELCh	75, 96.920, 136.971
Yxy	48.2911, 0.3016, 0.5768
Android (android.graphics.Color)	4281128234 (0xFF2CD52A)
YUV	142.9750, -49.7807, -86.8011
Hunter-Lab	69.4918, -56.7501, 39.9581

# Details

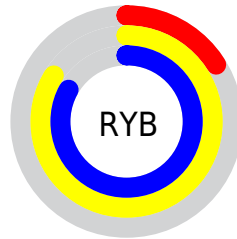
The Hex color **2CD52A** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **D32AD5**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **78FF66**, and **009D00** is the 20% darker color. If you saturate the color by 10%, you get **17D515**, and if you desaturate by 10%, it is **41D53F**.

# Distribution



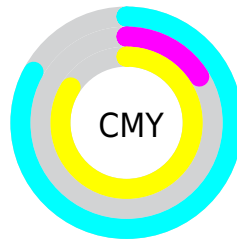
- Red (17%)
- Green (84%)
- Blue (16%)



- Red (16%)
- Yellow (84%)
- Blue (83%)



- Cyan (79%)
- Magenta (0%)
- Yellow (80%)
- Black (16%)



- Cyan (83%)
- Magenta (16%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2CD52A 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 2CD52A by changing the saturation by 10% instead.



 2CD52A

 2CD52A

FFFFFF

 00B900

 78FF66

 009D00

 98FF82

 008100

 B8FF9E

 006700

 D7FFBB

 004D00

 F6FFD8

 003500

 FFFFF6

 001A00

 000000

 2CD52A

 2CD52A

 17D515

 41D53F

 02D500

 56D555

 6BD56A

 80D57F

 95D595

 AAD5AA

 BFD5BF

 D4D5D4

 E9D5EA

# Harmonies

## Analogous

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



AFC400



2CD52A



00DD8D

# Triad

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



2CD52A



00CFFF



FF4F8A

# Complementary

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



2CD52A



D32AD5

# 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.



FF54E4



2CD52A



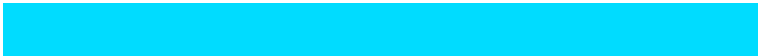
35B2FF

# Square

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



2CD52A



00DCFF



FA86FF



FF7B34

# Rectangle

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



2CD52A



00E0CC



FA86FF



FF48A8

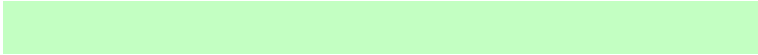


# Sweetspot

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



2CD52A



C3FFC2



D5D22A



5B805B



000000



808080



# Same Dimension

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



2CD52A



0DFF0A



2AD57D



616B60



02AB00



012B00



# Inverse Universe

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



D32AD5



FC0AFF



D52A82



6B606B



A900AB

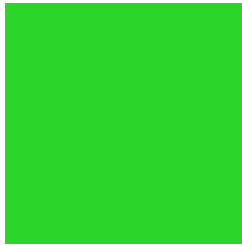


2B002B



# Previews

## White Background



This preview shows how the Hex color 2CD52A looks on a white background.

## Color Contrast Check

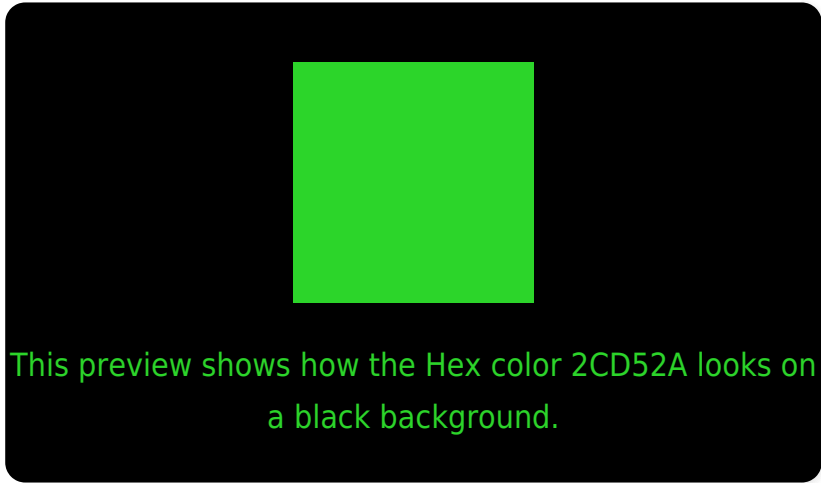
Large Text (above 18pt) WCAG AA × Fail

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 2CD52A Background



This preview shows how black text looks on a background with the Hex color 2CD52A.

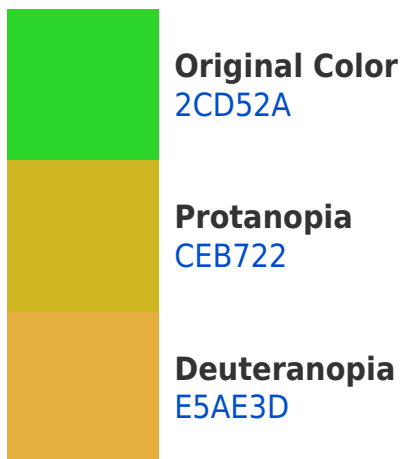


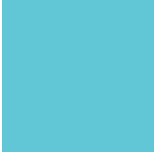
This preview shows how white text looks on a background with the Hex color 2CD52A.

# 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**  
61C6D6

# Trichromacy



**Original Color**  
2CD52A



**Protanomaly**  
93C225



**Deuteranomaly**  
A2BC36



**Tritanomaly**  
4ECB97

# Monochromacy



**Original Color**  
2CD52A



**Achromatopsia**  
8F8F8F



**Achromatomaly**  
6BA86A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2CD52A 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 #2CD52A looks like.

```
.text, #text, p{  
    color:#2CD52A  
}
```

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 #2CD52A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2CD52A
}
```

## Border

The CSS property to change the border of an element to Hex 2CD52A 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
#2CD52A }
```

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

```
.border{ border-color:#2CD52A }
```

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

Here you see how a box with a 4 pixel #2CD52A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2CD52A; -webkit-box-shadow:4px 4px  
4px 4px #2CD52A; box-shadow:4px 4px 4px  
4px #2CD52A }
```

# Background

The CSS property to change the background color of an element to Hex 2CD52A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2CD52A }
```

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

```
.background{ background-color:#2CD52A }
```

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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