

Converting Colors

Hex(2CD442)

Have a look what the booklet for
Hex(2CD442) contains.

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Color

Hex(2CD442)

Conversions

Conversions Part 1

Format	Color
Hex	2CD442
RGB	44, 212, 66
RGB Percent	17%, 83%, 26%
CMY	0.8275, 0.1686, 0.7412
CMYK	0.79, 0.00, 0.69, 0.17
HSL	128°, 66%, 50%
HSV	128°, 79%, 83%
XYZ	25.5656, 48.0158, 13.0748
YIQ	145.1240, -53.2620, -81.0220

Conversions

Conversions Part 2

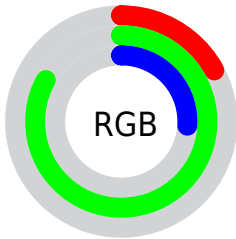
Format	Color
RYB	44, 193, 212
Decimal	2937922
CIELab	74.83, -68.77, 57.94
CIELCh	75, 89.927, 139.886
Yxy	48.0158, 0.2950, 0.5541
Android (android.graphics.Color)	4281128002 (0xFF2CD442)
YUV	145.1240, -39.0081, -88.6857
Hunter-Lab	69.2934, -55.4066, 37.3181

Details

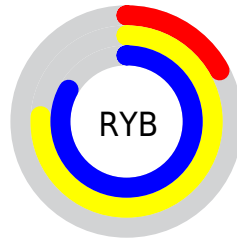
The Hex color **2CD442** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **D42CBE**, and the grayscale version is **929292**.

A 20% lighter version of the original color is **77FF79**, and **009C00** is the 20% darker color. If you saturate the color by 10%, you get **17D430**, and if you desaturate by 10%, it is **41D454**.

Distribution



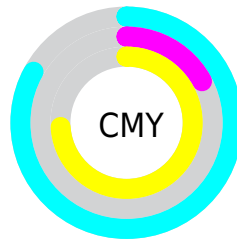
- Red (17%)
- Green (83%)
- Blue (26%)



- Red (17%)
- Yellow (76%)
- Blue (83%)



- Cyan (79%)
- Magenta (0%)
- Yellow (69%)
- Black (17%)



- Cyan (83%)
- Magenta (17%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2CD442 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 2CD442 by changing the saturation by 10% instead.

 2CD442

 2CD442

FFFFFF

 00B824

 77FF79

 009C00

 97FF94

 008100

 B6FFB0

 006600

 D5FFCD

 004C00

 F4FFEA

 003500

 001A00

 000000

 2CD442

 2CD442

 17D430

 41D454

 02D41D

 56D467

 00D41C

 6CD479

 81D48C

 96D49E

 ABD4B1

 C0D4C3

 D6D4D5

 EBD4E8

Harmonies

Analogous

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



A9C500



2CD442



00DB98

Triad

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



2CD442



00CAFF



FF6085

Complementary

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



2CD442



D42CBE

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.



FF5FD8



2CD442



70AEFF

Square

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



2CD442



00D9FF



FE86FF



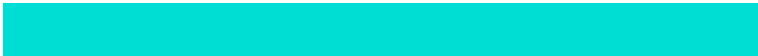
FF8537

Rectangle

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



2CD442



00DDD2



FE86FF



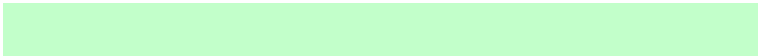
FF5AA0

Sweetspot

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



2CD442



C2FFCA



C0D42C



5B805F



000000



808080

Same Dimension

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



2CD442



0DFF2C



2CD494



606B62



00AB16



002B06

Inverse Universe

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



D42CBE



FF0DDF



D42C6C



6B606A



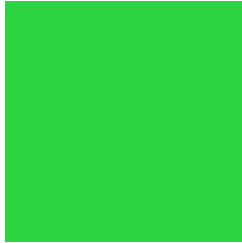
AB0094



2B0026

Previews

White Background



This preview shows how the Hex color 2CD442 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



This preview shows how the Hex color 2CD442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

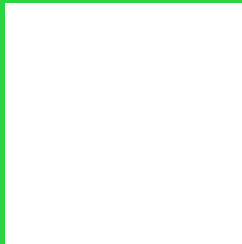
Any Text WCAG AAA ✓ Pass

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

Hex 2CD442 Background



This preview shows how black text looks on a background with the Hex color 2CD442.

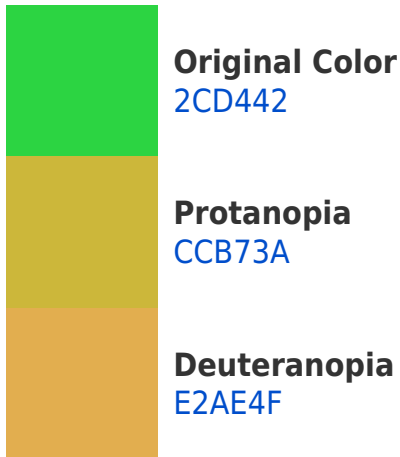


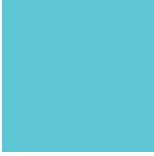
This preview shows how white text looks on a background with the Hex color 2CD442.

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](#).

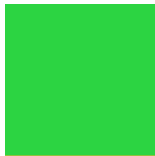
Dichromacy





Tritanopia
5FC6D6

Trichromacy



Original Color
2CD442



Protanomaly
92C23D



Deuteranomaly
A0BC4A



Tritanomaly
4CCBA0

Monochromacy



Original Color
2CD442



Achromatopsia
919191



Achromatomaly
6CA974

CSS Examples

Text

The CSS property to change the color of the text to Hex 2CD442 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 #2CD442 looks like.

```
.text, #text, p{  
    color:#2CD442  
}
```

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 #2CD442 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2CD442
}
```

Border

The CSS property to change the border of an element to Hex 2CD442 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
#2CD442 }
```

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

```
.border{ border-color:#2CD442 }
```

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

Here you see how a box with a 4 pixel #2CD442 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2CD442; -webkit-box-shadow:4px 4px  
4px 4px #2CD442; box-shadow:4px 4px 4px  
4px #2CD442 }
```

Background

The CSS property to change the background color of an element to Hex 2CD442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2CD442 }
```

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

```
.background{ background-color:#2CD442 }
```

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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