

Converting Colors

Hex(2CD851)

Have a look what the booklet for
Hex(2CD851) contains.

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Color

Hex(2CD851)

Conversions

Conversions Part 1

Format	Color
Hex	2CD851
RGB	44, 216, 81
RGB Percent	17%, 85%, 32%
CMY	0.8275, 0.1529, 0.6824
CMYK	0.80, 0.00, 0.62, 0.15
HSL	133°, 69%, 51%
HSV	133°, 80%, 85%
XYZ	27.0798, 50.2413, 16.0549
YIQ	149.1820, -59.1770, -78.4490

Conversions

Conversions Part 2

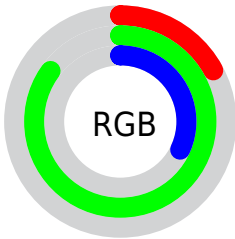
Format	Color
RYB	44, 186, 216
Decimal	2938961
CIELab	76.22, -68.48, 53.33
CIElCh	76, 86.799, 142.087
Yxy	50.2413, 0.2900, 0.5381
Android (android.graphics.Color)	4281129041 (0xFF2CD851)
YUV	149.1820, -33.6137, -92.2446
Hunter-Lab	70.8811, -55.8468, 36.1873

Details

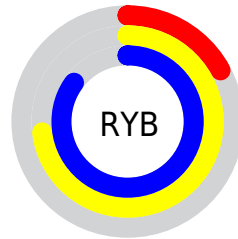
The Hex color **2CD851** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **D82CB3**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **77FF87**, and **00A017** is the 20% darker color. If you saturate the color by 10%, you get **16D840**, and if you desaturate by 10%, it is **42D862**.

Distribution



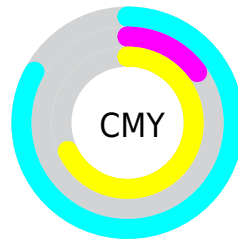
- Red (17%)
- Green (85%)
- Blue (32%)



- Red (17%)
- Yellow (73%)
- Blue (85%)



- Cyan (80%)
- Magenta (0%)
- Yellow (62%)
- Black (15%)



- Cyan (83%)
- Magenta (15%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2CD851 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 2CD851 by changing the saturation by 10% instead.

 2CD851

 2CD851

FFFFFF

 00BB36

 77FF87

 00A017

 97FFA2

 008400

 B6FFBE

 006A00

 D5FFDB

 005000

 F4FFF8

 003800

 001E00

 000000

 2CD851

 2CD851

 16D840

 42D862

 01D82F

 57D873

 00D82E

 6DD884

 82D895

 98D8A6

 AED8B7

 C3D8C8

 D9D8D9

 EED8EA

Harmonies

Analogous

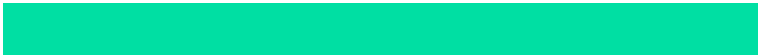
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



A8CA00



2CD851



00DFA3

Triad

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



2CD851



00CCFF



FF6C85

Complementary

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



2CD851



D82CB3

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.



FF68D5



2CD851



8BB0FF

Square

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



2CD851



00DBFF



FF89FF



FF8E3A

Rectangle

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



2CD851



00E0DB



FF89FF



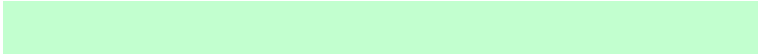
FF659F

Sweetspot

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



2CD851



C2FFCF



B6D82C



5B8062



000000



808080

Same Dimension

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



2CD851



0AFF3F



2CD8A4



606B63



00AB25



002B09

Inverse Universe

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



D82CB3



FF0ACA



D82C60



6B6069



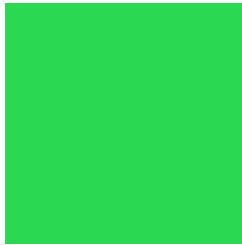
AB0086



2B0022

Previews

White Background



This preview shows how the Hex color 2CD851 looks on a white background.

Color Contrast Check

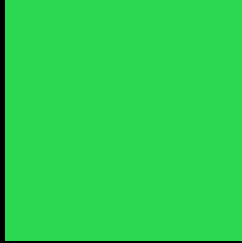
Large Text (above 18pt) WCAG AA × Fail

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 2CD851 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 2CD851 Background



This preview shows how black text looks on a background with the Hex color 2CD851.

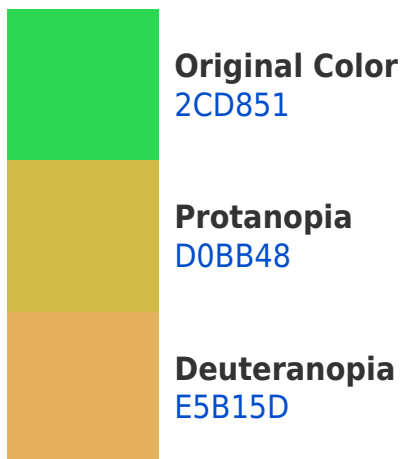


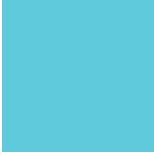
This preview shows how white text looks on a background with the Hex color 2CD851.

Color Blindness Simulation

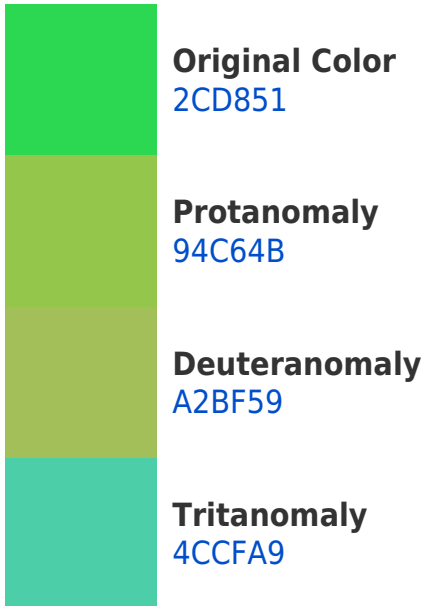
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy

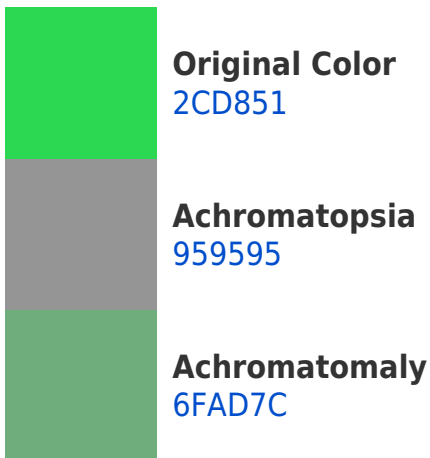




Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2CD851 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 #2CD851 looks like.

```
.text, #text, p{  
    color:#2CD851  
}
```

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 #2CD851 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2CD851
}
```

Border

The CSS property to change the border of an element to Hex 2CD851 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
#2CD851 }
```

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

```
.border{ border-color:#2CD851 }
```

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

Here you see how a box with a 4 pixel #2CD851 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2CD851; -webkit-box-shadow:4px 4px  
4px 4px #2CD851; box-shadow:4px 4px 4px  
4px #2CD851 }
```

Background

The CSS property to change the background color of an element to Hex 2CD851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2CD851 }
```

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

```
.background{ background-color:#2CD851 }
```

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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