

Converting Colors

Hex(2CDC0C)

Have a look what the booklet for
Hex(2CDC0C) contains.

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Color

Hex(2CDC0C)

Conversions

Conversions Part 1

Format	Color
Hex	2CDC0C
RGB	44, 220, 12
RGB Percent	17%, 86%, 5%
CMY	0.8275, 0.1373, 0.9529
CMYK	0.80, 0.00, 0.95, 0.14
HSL	111°, 90%, 45%
HSV	111°, 95%, 86%
XYZ	26.6983, 51.7484, 8.9291
YIQ	143.6640, -38.1280, -102.0000

Conversions

Conversions Part 2

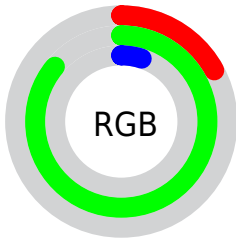
Format	Color
R _{YB}	12, 220, 188
Decimal	2939916
CIE Lab	77.13, -73.97, 73.68
CIE LCh	77, 104.401, 135.113
Yxy	51.7484, 0.3056, 0.5923
Android (android.graphics.Color)	4281129996 (0xFF2CDC0C)
YUV	143.6640, -64.9104, -87.4053
Hunter-Lab	71.9364, -59.6407, 42.9961

Details

The Hex color **2CDC0C** 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 **BC0CDC**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **7BFF58**, and **00A300** is the 20% darker color. If you saturate the color by 10%, you get **22DC00**, and if you desaturate by 10%, it is **3FDC22**.

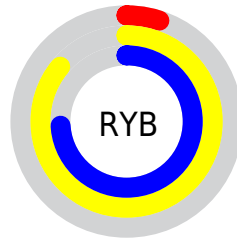
Distribution



Red (17%)

Green (86%)

Blue (5%)



Red (5%)

Yellow (86%)

Blue (74%)

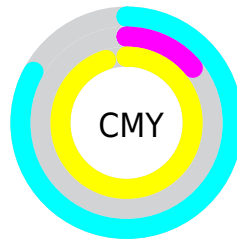


Cyan (80%)

Magenta (0%)

Yellow (95%)

Black (14%)



Cyan (83%)

Magenta (14%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2CDC0C 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 2CDC0C by changing the saturation by 10% instead.

 2CDC0C

 2CDC0C

FFFFFF

 00BF00

 7BFF58

 00A300

 9BFF76

 008800

 BBFF92

 006D00

 DBFFAF

 005300

 FAFFCD

 003B00

 FFFFEA

 002000

 000000

 2CDC0C

 2CDC0C

 22DC00

 3FDC22

 51DC38

 64DC4E

 76DC64

 89DC7A

 9CDC90

 AEDCA6

 C1DCBC

 D4DCD2

Harmonies

Analogous

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



B8C900



2CDC0C



00E589

Triad

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



2CDC0C



00D8FF



FF4092

Complementary

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



2CDC0C



BC0CDC

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.



FF4DF3



2CDC0C



00BAFF

Square

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



2CDC0C



00E5FF



FD89FF



FF7733

Rectangle

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



2CDC0C



00E8CD



FD89FF



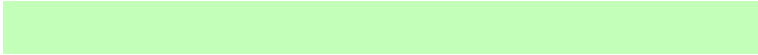
FF38B2

Sweetspot

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



2CDC0C



C3FFB8



DCB90C



5B8054



000000



808080

Same Dimension

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



2CDC0C



27FF00



0CDC51



646E63



1BAD00



072E00

Inverse Universe

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



BC0CDC



D800FF



DC0C97



6C636E



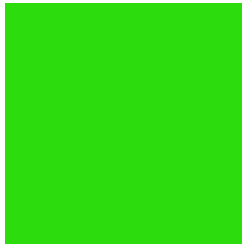
9300AD



27002E

Previews

White Background



This preview shows how the Hex color 2CDC0C looks on a white background.

Color Contrast Check

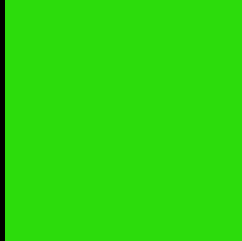
Large Text (above 18pt) WCAG AA × Fail

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 2CDC0C 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 2CDC0C Background



This preview shows how black text looks on a background with the Hex color 2CDC0C.

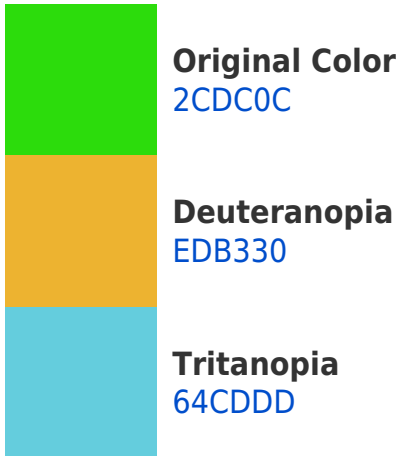


This preview shows how white text looks on a background with the Hex color 2CDC0C.

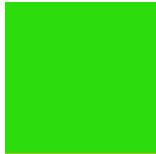
Color Blindness Simulation

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



Original Color
2CDC0C

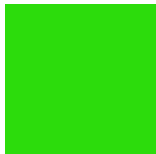


Deuteranomaly
A7C223



Tritanomaly
50D291

Monochromacy



Original Color
2CDC0C



Achromatopsia
909090



Achromatomaly
6CAC60

CSS Examples

Text

The CSS property to change the color of the text to Hex 2CDC0C 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 #2CDC0C looks like.

```
.text, #text, p{  
    color:#2CDC0C  
}
```

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 #2CDC0C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2CDC0C
}
```

Border

The CSS property to change the border of an element to Hex 2CDC0C 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
#2CDC0C }
```

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

```
.border{ border-color:#2CDC0C }
```

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

Here you see how a box with a 4 pixel #2CDC0C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2CDC0C; -webkit-box-shadow:4px 4px  
4px 4px #2CDC0C; box-shadow:4px 4px 4px  
4px #2CDC0C }
```

Background

The CSS property to change the background color of an element to Hex 2CDC0C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2CDC0C }
```

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

```
.background{ background-color:#2CDC0C }
```

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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