

# Converting Colors

Hex(0CDD0C)

Have a look what the booklet for  
Hex(0CDD0C) contains.

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**Color**

**Hex(0CDD0C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0CDD0C
RGB	12, 221, 12
RGB Percent	5%, 87%, 5%
CMY	0.9529, 0.1333, 0.9529
CMYK	0.95, 0.00, 0.95, 0.13
HSL	120°, 90%, 46%
HSV	120°, 95%, 87%
XYZ	26.0744, 51.8176, 8.9754
YIQ	134.6830, -57.4750, -109.3070

# Conversions

## Conversions Part 2

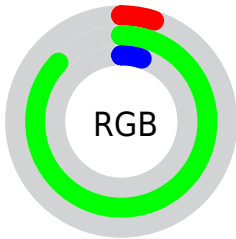
<b>Format</b>	<b>Color</b>
<b>RYB</b>	12, 221, 221
Decimal	843020
CIELab	77.17, -76.72, 73.60
CIELCh	77, 106.313, 136.188
Yxy	51.8176, 0.3002, 0.5965
Android (android.graphics.Color)	4279033100 (0xFF0CDD0C)
YUV	134.6830, -60.4827, -107.5930
Hunter-Lab	71.9844, -61.3160, 42.9966

# Details

The Hex color **0CDD0C** 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 **DD0CDD**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **70FF58**, and **00A400** is the 20% darker color. If you saturate the color by 10%, you get **00DD00**, and if you desaturate by 10%, it is **22DD22**.

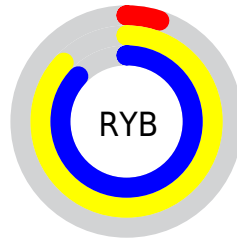
# Distribution



Red (5%)

Green (87%)

Blue (5%)



Red (5%)

Yellow (87%)

Blue (87%)

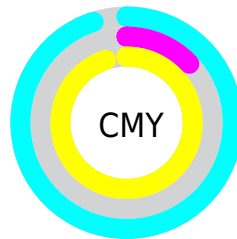


Cyan (95%)

Magenta (0%)

Yellow (95%)

Black (13%)



Cyan (95%)

Magenta (13%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0CDD0C 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 0CDD0C by changing the saturation by 10% instead.



 0CDD0C

 0CDD0C

FFFFFF

 00C000

 70FF58

 00A400

 92FF76

 008800

 B2FF93

 006E00

 D2FFAF

 005300

 F2FFCD

 003B00

 FFFFEA

 002100

 000000

 0CDD0C

 0CDD0C

 00DD00

 22DD22

 38DD38

 4EDD4E

 64DD64

 7BDD7B

 91DD91

 A7DDA7

 BDDDBD

 D3DDD3

# Harmonies

## Analogous

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



B4CB00



0CDD0C



00E68C

# Triad

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



0CDD0C



00D8FF



FF3B8E

# Complementary

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



0CDD0C



DD0CDD

# 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.



FF46F0



0CDD0C



00B9FF

# Square

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



0CDD0C



00E6FF



FF86FF



FF772C

# Rectangle

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



0CDD0C



00E8D1



FF86FF



FF2FAF

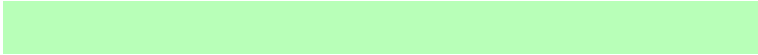


# Sweetspot

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



0CDD0C



B8FFB8



DDDD0C



548054



000000



808080



# Same Dimension

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



0CDD0C



00FF00



0CDD75



636E63



00AD00



002E00



# Inverse Universe

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



DD0CDD



FF00FF



DD0C75



6E636E



AD00AD

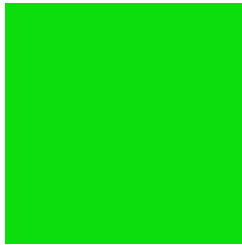


2E002E



# Previews

## White Background



This preview shows how the Hex color 0CDD0C 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 0CDD0C looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

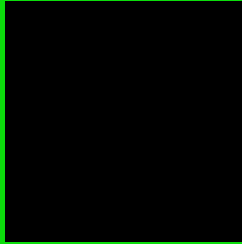
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 0CDD0C Background



This preview shows how black text looks on a background with the Hex color 0CDD0C.



This preview shows how white text looks on a background with the Hex color 0CDD0C.

# 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](#).

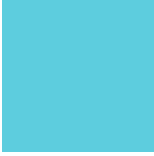
## Dichromacy



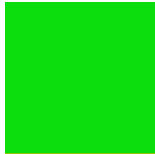
**Original Color**  
0CDD0C

**Protanopia**  
D5BD00

**Deuteranopia**  
EDB331



# Trichromacy



**Original Color**  
0CDD0C



**Protanomaly**  
8CC904

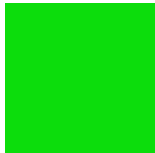


**Deuteranomaly**  
9BC224



**Tritanomaly**  
40D392

# Monochromacy



**Original Color**  
0CDD0C



**Achromatopsia**  
878787



**Achromatomaly**  
5AA65A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0CDD0C 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 #0CDD0C looks like.

```
.text, #text, p{  
    color:#0CDD0C  
}
```

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 #0CDD0C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0CDD0C
}
```

## Border

The CSS property to change the border of an element to Hex 0CDD0C 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".

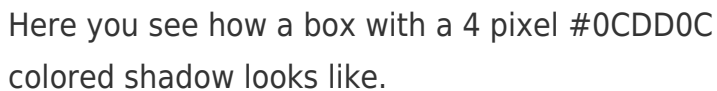
```
.border, #border, table{ border:4px solid
#0CDD0C }
```

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

```
.border{ border-color:#0CDD0C }
```

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

Here you see how a box with a 4 pixel #0CDD0C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0CDD0C; -webkit-box-shadow:4px 4px  
4px 4px #0CDD0C; box-shadow:4px 4px 4px  
4px #0CDD0C }
```

# Background

The CSS property to change the background color of an element to Hex 0CDD0C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0CDD0C }
```

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

```
.background{ background-color:#0CDD0C }
```

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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