

Converting Colors

Hex(0CD739)

Have a look what the booklet for
Hex(0CD739) contains.

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Color

Hex(0CD739)

Conversions

Conversions Part 1

Format	Color
Hex	0CD739
RGB	12, 215, 57
RGB Percent	5%, 84%, 22%
CMY	0.9529, 0.1569, 0.7765
CMYK	0.94, 0.00, 0.73, 0.16
HSL	133°, 89%, 45%
HSV	133°, 94%, 84%
XYZ	25.1906, 48.9744, 11.9962
YIQ	136.2910, -70.2700, -92.1740

Conversions

Conversions Part 2

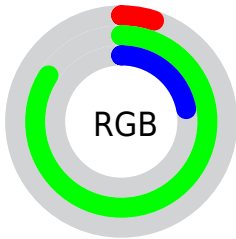
Format	Color
RYB	12, 178, 215
Decimal	841529
CIELab	75.44, -72.95, 61.77
CIELCh	75, 95.585, 139.744
Yxy	48.9744, 0.2924, 0.5684
Android (android.graphics.Color)	4279031609 (0xFF0CD739)
YUV	136.2910, -39.0905, -109.0032
Hunter-Lab	69.9817, -58.2153, 38.8238

Details

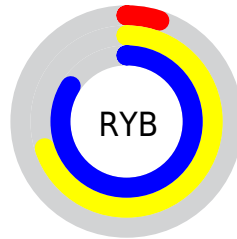
The Hex color **0CD739** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **D70CAA**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **6DFF71**, and **009E00** is the 20% darker color. If you saturate the color by 10%, you get **00D730**, and if you desaturate by 10%, it is **21D74A**.

Distribution



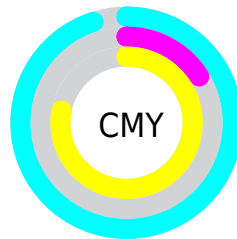
- Red (5%)
- Green (84%)
- Blue (22%)



- Red (5%)
- Yellow (70%)
- Blue (84%)



- Cyan (94%)
- Magenta (0%)
- Yellow (73%)
- Black (16%)



- Cyan (95%)
- Magenta (16%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 0CD739 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 0CD739 by changing the saturation by 10% instead.

 0CD739

 0CD739


FFFFFF

 00BA17

 6DFF71

 009E00

 8EFF8D

 008300

 AEFFA9

 006800

 CDFFC6

 004E00

 EDFFE3

 003600

 001C00

 000000

 0CD739

 0CD739

 00D730

 21D74A

 37D75A

 4DD76B

 62D77C

 77D78D

 8DD79D

 A3D7AE

 B8D7BF

 CED7D0

Harmonies

Analogous

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



A8C700



0CD739



00DF97

Triad

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



0CD739



00CDFE



FF5684

Complementary

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



0CD739



D70CAA

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.



FF55DC



0CD739



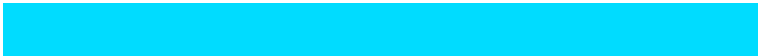
64B0FF

Square

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



0CD739



00DCFF



FF83FF



FF822E

Rectangle

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



0CD739



00E1D5



FF83FF



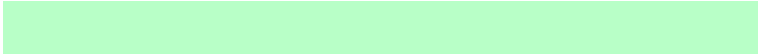
FF4EA1

Sweetspot

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



0CD739



B8FFC7



ABD70C



54805E



000000



808080

Same Dimension

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



0CD739



00FF39



0CD79D



606B63



00AB26



002B0A

Inverse Universe

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



D70CAA



FF00C6



D70C46



6B6069



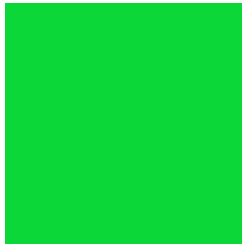
AB0085



2B0022

Previews

White Background



This preview shows how the Hex color 0CD739 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 0CD739 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 0CD739 Background



This preview shows how black text looks on a background with the Hex color 0CD739.

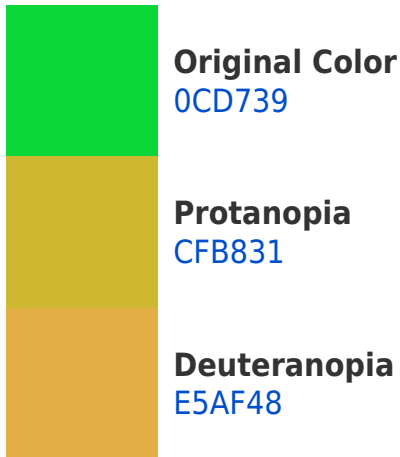


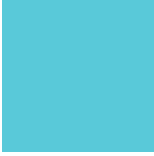
This preview shows how white text looks on a background with the Hex color 0CD739.

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](#).

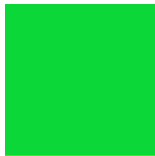
Dichromacy





Tritanopia
59C9D9

Trichromacy



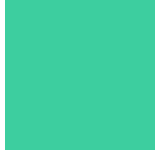
Original Color
0CD739



Protanomaly
88C334



Deuteranomaly
96BE43



Tritanomaly
3DCE9F

Monochromacy



Original Color
0CD739



Achromatopsia
888888



Achromatomaly
5BA56B

CSS Examples

Text

The CSS property to change the color of the text to Hex 0CD739 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 #0CD739 looks like.

```
.text, #text, p{  
    color:#0CD739  
}
```

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 #0CD739 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0CD739
}
```

Border

The CSS property to change the border of an element to Hex 0CD739 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
#0CD739 }
```

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

```
.border{ border-color:#0CD739 }
```

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

Here you see how a box with a 4 pixel #0CD739 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0CD739; -webkit-box-shadow:4px 4px  
4px 4px #0CD739; box-shadow:4px 4px 4px  
4px #0CD739 }
```

Background

The CSS property to change the background color of an element to Hex 0CD739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0CD739 }
```

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

```
.background{ background-color:#0CD739 }
```

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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