

Converting Colors

Hex(00CD39)

Have a look what the booklet for
Hex(00CD39) contains.

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Color

Hex(00CD39)

Conversions

Conversions Part 1

Format	Color
Hex	00CD39
RGB	0, 205, 57
RGB Percent	0%, 80%, 22%
CMY	1.0000, 0.1961, 0.7765
CMYK	1.00, 0.00, 0.72, 0.20
HSL	137°, 100%, 40%
HSV	137°, 100%, 80%
XYZ	22.5698, 43.9581, 11.1661
YIQ	126.8330, -74.6720, -89.4880

Conversions

Conversions Part 2

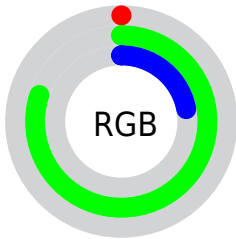
Format	Color
RYB	0, 160, 205
Decimal	52537
CIELab	72.20, -70.55, 58.46
CIELCh	72, 91.621, 140.357
Yxy	43.9581, 0.2905, 0.5658
Android (android.graphics.Color)	4278242617 (0xFF00CD39)
YUV	126.8330, -34.4277, -111.2325
Hunter-Lab	66.3009, -55.2624, 36.4253

Details

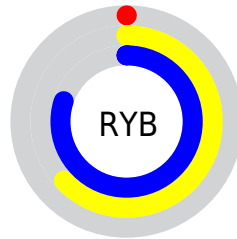
The Hex color **00CD39** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **CD0094**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **68FF70**, and **009500** is the 20% darker color. If you saturate the color by 10%, you get **00CD39**, and if you desaturate by 10%, it is **14CD48**.

Distribution



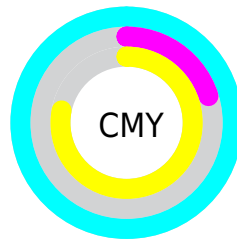
- Red (0%)
- Green (80%)
- Blue (22%)



- Red (0%)
- Yellow (63%)
- Blue (80%)



- Cyan (100%)
- Magenta (0%)
- Yellow (72%)
- Black (20%)



- Cyan (100%)
- Magenta (20%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00CD39 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 00CD39 by changing the saturation by 10% instead.

 00CD39

 00CD39

FFFFFF

 00B119

 68FF70

 009500

 89FF8C

 007A00

 A8FFA8

 005F00

 C8FFC4

 004600

 E7FFE1

 002E00

FFFFFFE

 000E00

 000000

 00CD39

 14CD48

 29CD57

 3ECD65

 52CD74

 67CD83

 7BCD92

 90CDA1

 A4CDAF

 B9CDBE

Harmonies

Analogous

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



9FBE00



00CD39



00D492

Triad

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



00CD39



00C3FF



FF547C

Complementary

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



00CD39



CD0094

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.



FF52D0



00CD39



66A7FF

Square

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



00CD39



00D2FF



F97CFF



FF7D2B

Rectangle

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



00CD39



00D6CD



F97CFF



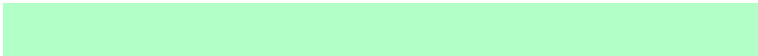
FF4C98

Sweetspot

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



00CD39



B3FFC8



96CD00



52805E



000000



808080

Same Dimension

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



00CD39



00FF47



00CD9D



5C665F



00A62E



00260B

Inverse Universe

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



CD0094



FF00B8



CD0030



665C63



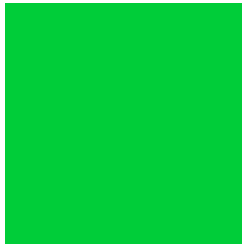
A60078



26001C

Previews

White Background



This preview shows how the Hex color 00CD39 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 00CD39 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 00CD39 Background



This preview shows how black text looks on a background with the Hex color 00CD39.

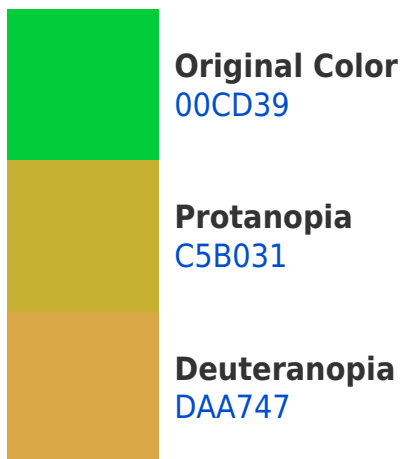


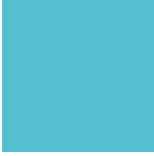
This preview shows how white text looks on a background with the Hex color 00CD39.

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](#).

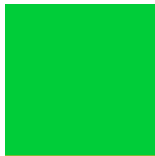
Dichromacy





Tritanopia
54BFCF

Trichromacy



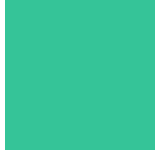
Original Color
00CD39



Protanomaly
7DBB34



Deuteranomaly
8BB542



Tritanomaly
35C498

Monochromacy



Original Color
00CD39



Achromatopsia
7F7F7F



Achromatomaly
519B66

CSS Examples

Text

The CSS property to change the color of the text to Hex 00CD39 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 #00CD39 looks like.

```
.text, #text, p{  
    color:#00CD39  
}
```

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 #00CD39 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00CD39
}
```

Border

The CSS property to change the border of an element to Hex 00CD39 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
#00CD39 }
```

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

```
.border{ border-color:#00CD39 }
```

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

Here you see how a box with a 4 pixel #00CD39 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00CD39; -webkit-box-shadow:4px 4px  
4px 4px #00CD39; box-shadow:4px 4px 4px  
4px #00CD39 }
```

Background

The CSS property to change the background color of an element to Hex 00CD39 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00CD39 }
```

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

```
.background{ background-color:#00CD39 }
```

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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