

# Converting Colors

Hex(00CD2E)

Have a look what the booklet for  
Hex(00CD2E) contains.

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# Color

Hex(00CD2E)

# Conversions

## Conversions Part 1

Format	Color
Hex	00CD2E
RGB	0, 205, 46
RGB Percent	0%, 80%, 18%
CMY	1.0000, 0.1961, 0.8196
CMYK	1.00, 0.00, 0.78, 0.20
HSL	133°, 100%, 40%
HSV	133°, 100%, 80%
XYZ	22.3245, 43.8599, 9.8740
YIQ	125.5790, -71.1410, -92.9090

# Conversions

## Conversions Part 2

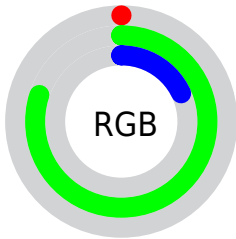
Format	Color
<a href="#">RYB</a>	<a href="#">0, 167, 205</a>
Decimal	<a href="#">52526</a>
CIELab	<a href="#">72.13, -71.39, 62.10</a>
CIELCh	<a href="#">72, 94.624, 138.982</a>
Yxy	<a href="#">43.8599, 0.2935, 0.5767</a>
Android (android.graphics.Color)	<a href="#">4278242606 (0xFF00CD2E)</a>
YUV	<a href="#">125.5790, -39.2324, -110.1328</a>
Hunter-Lab	<a href="#">66.2268, -55.7262, 37.5190</a>

# Details

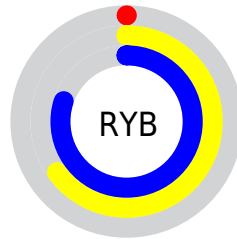
The Hex color **00CD2E** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **CD009F**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **68FF68**, and **009500** is the 20% darker color. If you saturate the color by 10%, you get **00CD2E**, and if you desaturate by 10%, it is **14CD3E**.

# Distribution



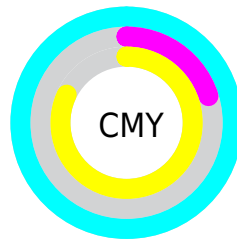
- Red (0%)
- Green (80%)
- Blue (18%)



- Red (0%)
- Yellow (65%)
- Blue (80%)



- Cyan (100%)
- Magenta (0%)
- Yellow (78%)
- Black (20%)



- Cyan (100%)
- Magenta (20%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00CD2E 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 00CD2E by changing the saturation by 10% instead.



 00CD2E

 00CD2E

FFFFFF

 00B102


 68FF68

 009500

 89FF83

 007A00

 A9FF9F

 005F00


 C8FFBC

 004600

 E7FFD9

 002D00

 FFFFF6

 000E00

 000000

 00CD2E

 14CD3E

 29CD4E

 3ECD5E

 52CD6E

 67CD7E

 7BCD8D

 90CD9D

 A4CDAD

 B9CDBD

# Harmonies

## Analogous

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



A1BD00



00CD2E



00D58D

# Triad

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



00CD2E



00C5FF



FF4B7E

# Complementary

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



00CD2E



CD009F

# 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.



FF4CD5



00CD2E



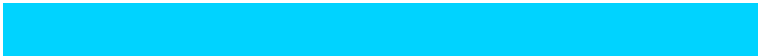
4FA8FF

# Square

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



00CD2E



00D3FF



F67CFF



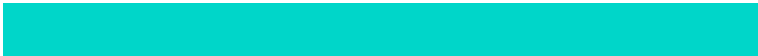
FF7929

# Rectangle

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



00CD2E



00D6C9



F67CFF



FF439B

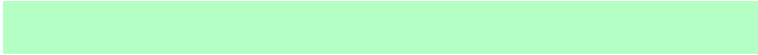


# Sweetspot

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



00CD2E



B3FFC4



A1CD00



52805C



000000



808080



# Same Dimension

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



00CD2E



00FF39



00CD93



5C665E



00A625



002609



# Inverse Universe

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



CD009F



FF00C6



CD003A



665C64



A60081

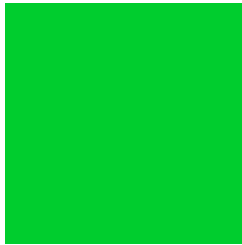


26001E



# Previews

## White Background



This preview shows how the Hex color 00CD2E looks on a white background.

## Color Contrast Check

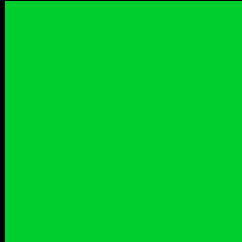
Large Text (above 18pt) WCAG AA × Fail

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 00CD2E 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 00CD2E Background



This preview shows how black text looks on a background with the Hex color 00CD2E.



This preview shows how white text looks on a background with the Hex color 00CD2E.

# 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](#).

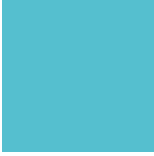
## Dichromacy



**Original Color**  
00CD2E

**Protanopia**  
C5B027

**Deuteranopia**  
DBA73F



**Tritanopia**  
55BFCF

# Trichromacy



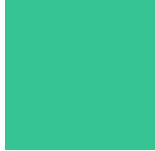
**Original Color**  
00CD2E



**Protanomaly**  
7DBB2A



**Deuteranomaly**  
8BB539



**Tritanomaly**  
36C494

# Monochromacy



**Original Color**  
00CD2E



**Achromatopsia**  
7E7E7E



**Achromatomaly**  
509B61

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00CD2E 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 #00CD2E looks like.

```
.text, #text, p{  
    color:#00CD2E  
}
```

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 #00CD2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00CD2E
}
```

## Border

The CSS property to change the border of an element to Hex 00CD2E 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
#00CD2E }
```

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

```
.border{ border-color:#00CD2E }
```

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

Here you see how a box with a 4 pixel #00CD2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00CD2E; -webkit-box-shadow:4px 4px  
4px 4px #00CD2E; box-shadow:4px 4px 4px  
4px #00CD2E }
```

# Background

The CSS property to change the background color of an element to Hex 00CD2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00CD2E }
```

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

```
.background{ background-color:#00CD2E }
```

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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