

# Converting Colors

Hex(02CD73)

Have a look what the booklet for  
Hex(02CD73) contains.

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**Color**

**Hex(02CD73)**

# Conversions

## Conversions Part 1

Format	Color
Hex	02CD73
RGB	2, 205, 115
RGB Percent	1%, 80%, 45%
CMY	0.9922, 0.1961, 0.5490
CMYK	0.99, 0.00, 0.44, 0.20
HSL	153°, 98%, 41%
HSV	153°, 99%, 80%
XYZ	24.9509, 44.9134, 23.5738
YIQ	134.0430, -92.0980, -71.0260

# Conversions

## Conversions Part 2

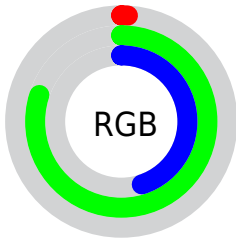
Format	Color
<b>RYB</b>	2, 132, 205
Decimal	183667
CIELab	72.83, -62.76, 33.07
CIELCh	73, 70.939, 152.214
Yxy	44.9134, 0.2670, 0.4807
Android (android.graphics.Color)	4278373747 (0xFF02CD73)
YUV	134.0430, -9.3882, -115.8017
Hunter-Lab	67.0174, -50.8242, 26.0566

# Details

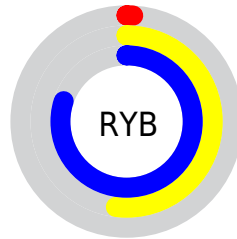
The Hex color **02CD73** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **CD025C**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **66FFA8**, and **009541** is the 20% darker color. If you saturate the color by 10%, you get **00CD72**, and if you desaturate by 10%, it is **16CD7C**.

# Distribution



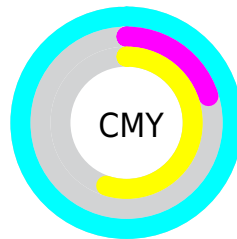
- Red (1%)
- Green (80%)
- Blue (45%)



- Red (1%)
- Yellow (52%)
- Blue (80%)



- Cyan (99%)
- Magenta (0%)
- Yellow (44%)
- Black (20%)



- Cyan (99%)
- Magenta (20%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 02CD73 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 02CD73 by changing the saturation by 10% instead.



 02CD73

 02CD73

FFFFFF

 00B15A

 66FFA8

 009541

 87FFC3

 007A29

 A6FFE0

 006010

 C5FFFD

 004700

 E4FFFF

 002F00

 001200

 000000

 02CD73

 02CD73

 00CD72

 16CD7C

 2BCD85

 3FCD8E

 54CD97

 69CDA0

 7DCDAA

 92CDB3

 A6CDBC

 BBCDC5

# Harmonies

## Analogous

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



8DC33A



02CD73



00D1B6

# Triad

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



02CD73



00B9FF



FF7F71

# Complementary

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



02CD73



CD025C

# 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.



FF74B1



02CD73



B99FFF

# Square

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



02CD73



00C9FF



FF83F0



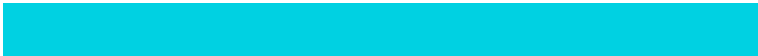
FF993C

# Rectangle

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



02CD73



00D1E2



FF83F0



FF7886

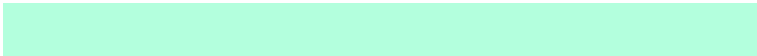


# Sweetspot

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



02CD73



B3FFDD



5DCD02



52806B



000000



808080



# Same Dimension

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



02CD73



00FF8E



02C3CD



5C6661



00A65C



002615



# Inverse Universe

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



CD025C



FF0071



CD0C02



665C60



A60049



260011



# Previews

## White Background



This preview shows how the Hex color 02CD73 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 02CD73 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 02CD73 Background



This preview shows how black text looks on a background with the Hex color 02CD73.

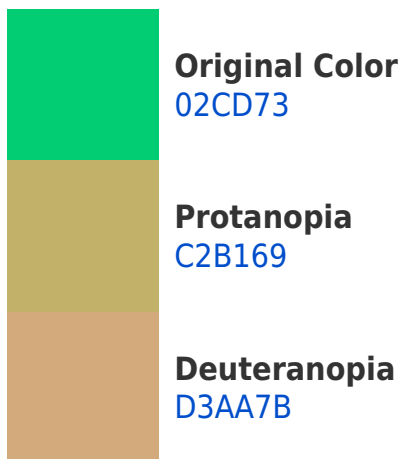


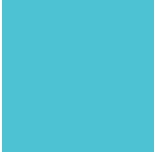
This preview shows how white text looks on a background with the Hex color 02CD73.

# 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**  
4CC2D2

# Trichromacy



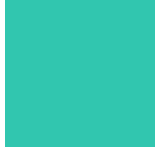
**Original Color**  
02CD73



**Protanomaly**  
7CBB6D



**Deuteranomaly**  
87B778



**Tritanomaly**  
31C6AF

# Monochromacy



**Original Color**  
02CD73



**Achromatopsia**  
868686



**Achromatomaly**  
56A07F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 02CD73 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 #02CD73 looks like.

```
.text, #text, p{  
    color:#02CD73  
}
```

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 #02CD73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #02CD73  
}
```

## Border

The CSS property to change the border of an element to Hex 02CD73 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  
#02CD73 }
```

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

```
.border{ border-color:#02CD73 }
```

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

Here you see how a box with a 4 pixel #02CD73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #02CD73; -webkit-box-shadow:4px 4px  
4px 4px #02CD73; box-shadow:4px 4px 4px  
4px #02CD73 }
```

# Background

The CSS property to change the background color of an element to Hex 02CD73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#02CD73 }
```

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

```
.background{ background-color:#02CD73 }
```

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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