

Converting Colors

Hex(00CF6D)

Have a look what the booklet for
Hex(00CF6D) contains.

| | |
|--|----|
| Hex(00CF6D) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(00CF6D)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 00CF6D |
| RGB | 0, 207, 109 |
| RGB Percent | 0%, 81%, 43% |
| CMY | 1.0000, 0.1882, 0.5725 |
| CMYK | 1.00, 0.00, 0.47, 0.19 |
| HSL | 152°, 100%, 41% |
| HSV | 152°, 100%, 81% |
| XYZ | 25.0731, 45.7298, 21.9732 |
| YIQ | 133.9350, -91.9140, -74.3620 |

Conversions

Conversions Part 2

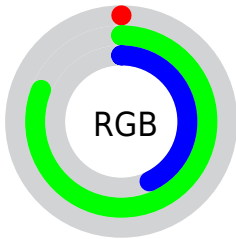
| Format | Color |
|-------------------------------------|----------------------------------|
| RYB | 0, 136, 207 |
| Decimal | 53101 |
| CIELab | 73.37, -64.54, 36.77 |
| CIELCh | 73, 74.285, 150.327 |
| Yxy | 45.7298, 0.2703, 0.4929 |
| Android (android.graphics.Color) | 4278243181 (0xFF00CF6D) |
| YUV | 133.9350, -12.2930, -117.4610 |
| Hunter-Lab | 67.6238, -52.1585, 28.0713 |

Details

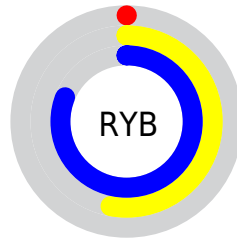
The Hex color **00CF6D** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **CF0062**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **66FFA2**, and **00973B** is the 20% darker color. If you saturate the color by 10%, you get **00CF6D**, and if you desaturate by 10%, it is **15CF77**.

Distribution



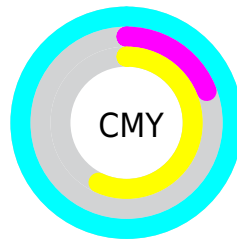
- Red (0%)
- Green (81%)
- Blue (43%)



- Red (0%)
- Yellow (53%)
- Blue (81%)



- Cyan (100%)
- Magenta (0%)
- Yellow (47%)
- Black (19%)



- Cyan (100%)
- Magenta (19%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00CF6D 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 00CF6D by changing the saturation by 10% instead.

 00CF6D

 00CF6D

FFFFFF

 00B354

 66FFA2

 00973B

 87FFBD

 007C22

 A6FFDA

 006206

 C5FFF6

 004800

 E4FFFF

 003100

 001400

 000000

 00CF6D

 15CF77

 29CF81

 3ECF8A

 53CF94

 68CF9E

 7CCFA8

 91CFB2

 A6CFBB

 BACFC5

Harmonies

Analogous

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



91C430



00CF6D



00D4B3

Triad

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



00CF6D



00BCFF



FF7B74

Complementary

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



00CF6D



CF0062

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.



FF70B6



00CF6D



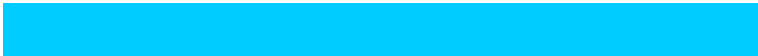
B3A2FF

Square

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



00CF6D



00CCFF



FF83F9



FF973A

Rectangle

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



00CF6D



00D4E2



FF83F9



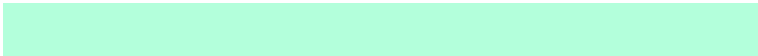
FF7589

Sweetspot

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



00CF6D



B3FFDB



64CF00



52806A



000000



808080

Same Dimension

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



00CF6D



00FF86



00CCCF



5E6964



00A859



002915

Inverse Universe

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



CF0062



FF0079



CF0300



695E63



A80050



290013

Previews

White Background



This preview shows how the Hex color 00CF6D 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 00CF6D 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 00CF6D Background



This preview shows how black text looks on a background with the Hex color 00CF6D.

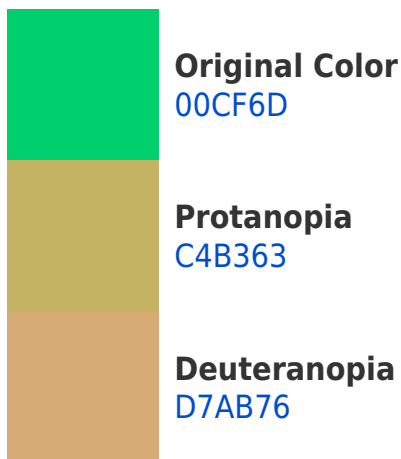


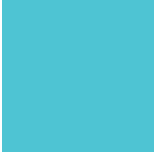
This preview shows how white text looks on a background with the Hex color 00CF6D.

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
4EC4D3

Trichromacy



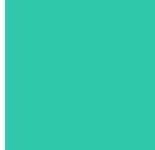
Original Color
00CF6D



Protanomaly
7DBD67



Deuteranomaly
89B873



Tritanomaly
32C8AE

Monochromacy



Original Color
00CF6D



Achromatopsia
868686



Achromatomaly
55A17D

CSS Examples

Text

The CSS property to change the color of the text to Hex 00CF6D 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 #00CF6D looks like.

```
.text, #text, p{  
    color:#00CF6D  
}
```

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 #00CF6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00CF6D
}
```

Border

The CSS property to change the border of an element to Hex 00CF6D 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
#00CF6D }
```

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

```
.border{ border-color:#00CF6D }
```

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

Here you see how a box with a 4 pixel #00CF6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00CF6D; -webkit-box-shadow:4px 4px  
4px 4px #00CF6D; box-shadow:4px 4px 4px  
4px #00CF6D }
```

Background

The CSS property to change the background color of an element to Hex 00CF6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00CF6D }
```

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

```
.background{ background-color:#00CF6D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor