

# Converting Colors

Hex(00CC6D)

Have a look what the booklet for  
Hex(00CC6D) contains.

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# Color

Hex(00CC6D)

# Conversions

## Conversions Part 1

Format	Color
Hex	00CC6D
RGB	0, 204, 109
RGB Percent	0%, 80%, 43%
CMY	1.0000, 0.2000, 0.5725
CMYK	1.00, 0.00, 0.47, 0.20
HSL	152°, 100%, 40%
HSV	152°, 100%, 80%
XYZ	24.3532, 44.2899, 21.7333
YIQ	132.1740, -91.0890, -72.7930

# Conversions

## Conversions Part 2

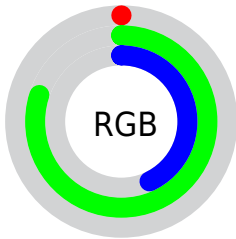
Format	Color
<a href="#">RYB</a>	<a href="#">0, 133, 204</a>
Decimal	<a href="#">52333</a>
CIELab	<a href="#">72.42, -63.56, 35.57</a>
CIELCh	<a href="#">72, 72.832, 150.767</a>
Yxy	<a href="#">44.2899, 0.2695, 0.4901</a>
Android (android.graphics.Color)	<a href="#">4278242413 (0xFF00CC6D)</a>
YUV	<a href="#">132.1740, -11.4248, -115.9166</a>
Hunter-Lab	<a href="#">66.5506, -51.1443, 27.2233</a>

# Details

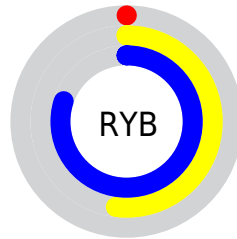
The Hex color **00CC6D** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **CC005F**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **66FFA2**, and **00943B** is the 20% darker color. If you saturate the color by 10%, you get **00CC6D**, and if you desaturate by 10%, it is **14CC76**.

# Distribution



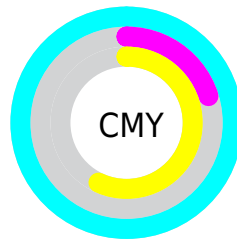
- Red (0%)
- Green (80%)
- Blue (43%)



- Red (0%)
- Yellow (52%)
- Blue (80%)



- Cyan (100%)
- Magenta (0%)
- Yellow (47%)
- Black (20%)



- Cyan (100%)
- Magenta (20%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00CC6D 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 00CC6D by changing the saturation by 10% instead.



 00CC6D

 00CC6D

FFFFFF

 00B054

 66FFA2

 00943B

 86FFBD

 007923

 A5FFD9

 005F08

 C4FFF6

 004600

 E3FFFF

 002E00

 001000

 000000

 00CC6D

 14CC76

 29CC80

 3DCC8A

 52CC93

 66CC9D

 7ACCA6

 8FCCB0

 A3CCB9

 B8CCC3

# Harmonies

## Analogous

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



8EC131



00CC6D



00D1B1

# Triad

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



00CC6D



00B9FF



FF7A71

# Complementary

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



00CC6D



CC005F

# 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.



FF70B3



00CC6D



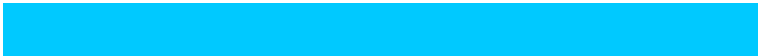
B39FFF

# Square

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



00CC6D



00C9FF



FF81F4



FF9539

# Rectangle

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



00CC6D



00D1DF



FF81F4



FF7486

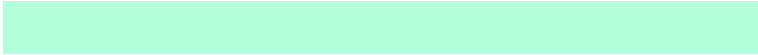


# Sweetspot

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



00CC6D



B3FFDB



5FCC00



52806A



000000



808080



# Same Dimension

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



00CC6D



00FF88



00C5CC



5C6661



00A659



002614



# Inverse Universe

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



CC005F



FF0077



CC0700



665C61



A6004D



260012



# Previews

## White Background



This preview shows how the Hex color 00CC6D 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 00CC6D 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

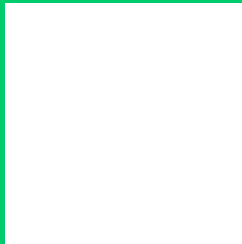
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 00CC6D Background



This preview shows how black text looks on a background with the Hex color 00CC6D.

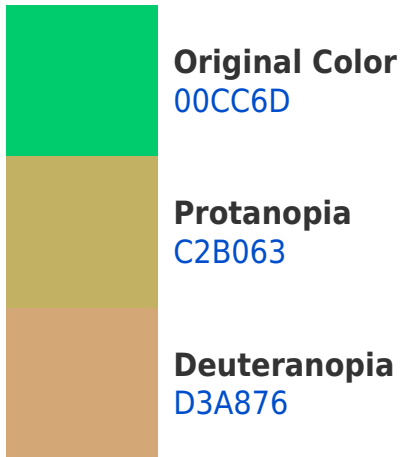


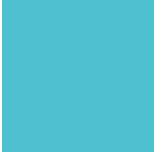
This preview shows how white text looks on a background with the Hex color 00CC6D.

# 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**  
4DC1D0

# Trichromacy



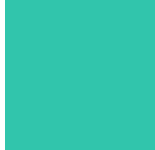
**Original Color**  
00CC6D



**Protanomaly**  
7BBA67



**Deuteranomaly**  
86B573



**Tritanomaly**  
31C5AC

# Monochromacy



**Original Color**  
00CC6D



**Achromatopsia**  
848484



**Achromatomaly**  
549E7C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00CC6D 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 #00CC6D looks like.

```
.text, #text, p{  
    color:#00CC6D  
}
```

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 #00CC6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00CC6D
}
```

## Border

The CSS property to change the border of an element to Hex 00CC6D 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
#00CC6D }
```

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

```
.border{ border-color:#00CC6D }
```

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

Here you see how a box with a 4 pixel #00CC6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00CC6D; -webkit-box-shadow:4px 4px  
4px 4px #00CC6D; box-shadow:4px 4px 4px  
4px #00CC6D }
```

# Background

The CSS property to change the background color of an element to Hex 00CC6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00CC6D }
```

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

```
.background{ background-color:#00CC6D }
```

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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