

Converting Colors

Hex(00CC48)

Have a look what the booklet for
Hex(00CC48) contains.

Hex(00CC48)	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(00CC48)

Conversions

Conversions Part 1

Format	Color
Hex	00CC48
RGB	0, 204, 72
RGB Percent	0%, 80%, 28%
CMY	1.0000, 0.2000, 0.7176
CMYK	1.00, 0.00, 0.65, 0.20
HSL	141°, 100%, 40%
HSV	141°, 100%, 80%
XYZ	22.7626, 43.6536, 13.3572
YIQ	127.9560, -79.2120, -84.3000

Conversions

Conversions Part 2

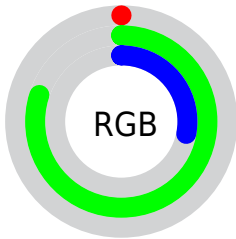
Format	Color
RYB	0, 151, 204
Decimal	52296
CIELab	72.00, -68.79, 52.34
CIELCh	72, 86.441, 142.734
Yxy	43.6536, 0.2853, 0.5472
Android (android.graphics.Color)	4278242376 (0xFF00CC48)
YUV	127.9560, -27.5863, -112.2174
Hunter-Lab	66.0709, -54.1277, 34.2633

Details

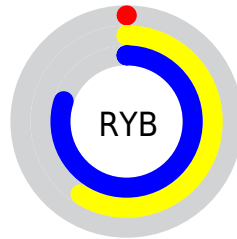
The Hex color **00CC48** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **CC0084**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **67FF7E**, and **00940A** is the 20% darker color. If you saturate the color by 10%, you get **00CC48**, and if you desaturate by 10%, it is **14CC55**.

Distribution



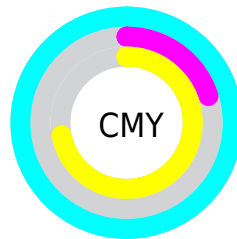
- Red (0%)
- Green (80%)
- Blue (28%)



- Red (0%)
- Yellow (59%)
- Blue (80%)



- Cyan (100%)
- Magenta (0%)
- Yellow (65%)
- Black (20%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 00CC48 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 00CC48 by changing the saturation by 10% instead.

 00CC48

 00CC48

FFFFFF

 00B02D


 67FF7E

 00940A

 88FF99

 007900

 A7FFB5

 005F00

 C6FFD1

 004500

 E5FFEE

 002D00

 000D00

 000000

 00CC48

 14CC55

 29CC62

 3DCC70

 52CC7D

 66CC8A

 7ACC97

 8FCCA4

 A3CCB2

 B8CCBF

Harmonies

Analogous

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



9ABE00



00CC48



00D39A

Triad

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



00CC48



00C0FF



FF5F79

Complementary

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



00CC48



CC0084

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.



FF5AC7



00CC48



81A4FF

Square

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



00CC48



00CFFF



FC7DFE



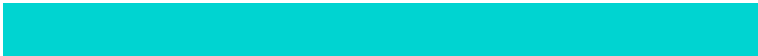
FF842E

Rectangle

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



00CC48



00D4D1



FC7DFF



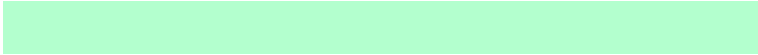
FF5892

Sweetspot

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



00CC48



B3FFCE



85CC00



528062



000000



808080

Same Dimension

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



00CC48



00FF5A



00CCAD



5C665F



00A63B



00260E

Inverse Universe

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



CC0084



FF00A5



CC001F



665C62



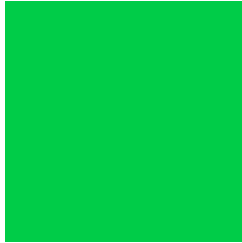
A6006B



260019

Previews

White Background



This preview shows how the Hex color 00CC48 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 00CC48 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 00CC48 Background



This preview shows how black text looks on a background with the Hex color 00CC48.

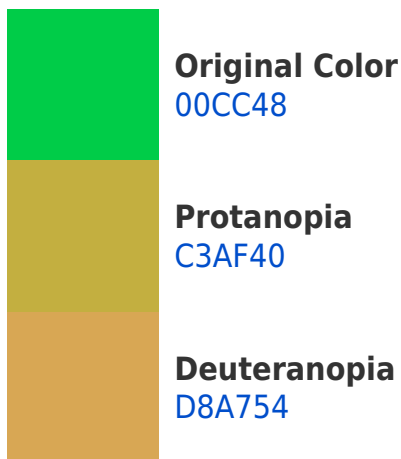


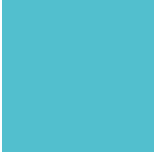
This preview shows how white text looks on a background with the Hex color 00CC48.

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





Trichromacy



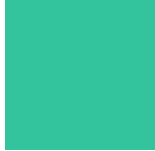
Original Color
00CC48



Protanomaly
7CBA43



Deuteranomaly
89B450



Tritanomaly
34C49D

Monochromacy



Original Color
00CC48



Achromatopsia
808080



Achromatomaly
519C6C

CSS Examples

Text

The CSS property to change the color of the text to Hex 00CC48 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 #00CC48 looks like.

```
.text, #text, p{  
    color:#00CC48  
}
```

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 #00CC48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00CC48  
}
```

Border

The CSS property to change the border of an element to Hex 00CC48 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  
#00CC48 }
```

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

```
.border{ border-color:#00CC48 }
```

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

Here you see how a box with a 4 pixel #00CC48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00CC48; -webkit-box-shadow:4px 4px  
4px 4px #00CC48; box-shadow:4px 4px 4px  
4px #00CC48 }
```

Background

The CSS property to change the background color of an element to Hex 00CC48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00CC48 }
```

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

```
.background{ background-color:#00CC48 }
```

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