

Converting Colors

Hex(00C449)

Have a look what the booklet for
Hex(00C449) contains.

Hex(00C449)	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(00C449)

Conversions

Conversions Part 1

Format	Color
Hex	00C449
RGB	0, 196, 73
RGB Percent	0%, 77%, 29%
CMY	1.0000, 0.2314, 0.7137
CMYK	1.00, 0.00, 0.63, 0.23
HSL	142°, 100%, 38%
HSV	142°, 100%, 77%
XYZ	20.9425, 39.9609, 12.9128
YIQ	123.3740, -77.3330, -79.8050

Conversions

Conversions Part 2

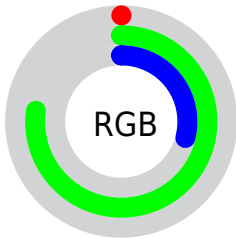
Format	Color
RYB	0, 143, 196
Decimal	50249
CIELab	69.44, -66.29, 49.05
CIELCh	69, 82.463, 143.499
Yxy	39.9609, 0.2837, 0.5414
Android (android.graphics.Color)	4278240329 (0xFF00C449)
YUV	123.3740, -24.8344, -108.1990
Hunter-Lab	63.2146, -51.4899, 32.1391

Details

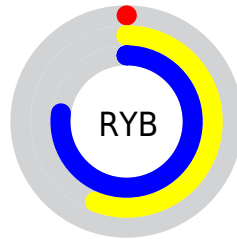
The Hex color **00C449** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed green. A complement of this color would be **C4007B**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **64FE7E**, and **008C0F** is the 20% darker color. If you saturate the color by 10%, you get **00C449**, and if you desaturate by 10%, it is **14C455**.

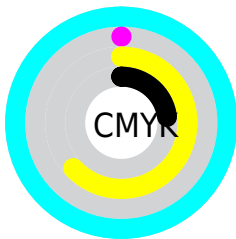
Distribution



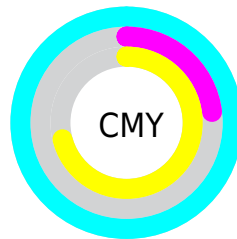
- Red (0%)
- Green (77%)
- Blue (29%)



- Red (0%)
- Yellow (56%)
- Blue (77%)



- Cyan (100%)
- Magenta (0%)
- Yellow (63%)
- Black (23%)



- Cyan (100%)
- Magenta (23%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00C449 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 00C449 by changing the saturation by 10% instead.

 00C449

 00C449

FFFFFF

 00A82E

 64FE7E

 008C0F

 85FF99

 007200

 A4FFB5

 005800

 C2FFD1

 003F00

 E1FFEE

 002600

 000000

 00C449

 14C455

 27C462

 3BC46E

 4EC47A

 62C487

 76C493

 89C49F

 9DC4AB

 B0C4B8

Harmonies

Analogous

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



93B700



00C449



00CA96

Triad

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



00C449



00B8FF



FF5F73

Complementary

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



00C449



C4007B

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.



FF59BD



00C449



829DFF

Square

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



00C449



00C6FF



F378FF



FF802D

Rectangle

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



00C449



00CBCA



F378FF



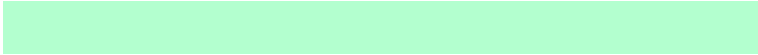
FF588B

Sweetspot

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



00C449



B3FFCF



7CC400



528063



000000



808080

Same Dimension

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



00C449



00FF5F



00C4AA



57615B



00A13C



00210C

Inverse Universe

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



C4007B



FF00A0



C4001A



61575D



A10065



210015

Previews

White Background



This preview shows how the Hex color 00C449 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 00C449 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 00C449 Background



This preview shows how black text looks on a background with the Hex color 00C449.

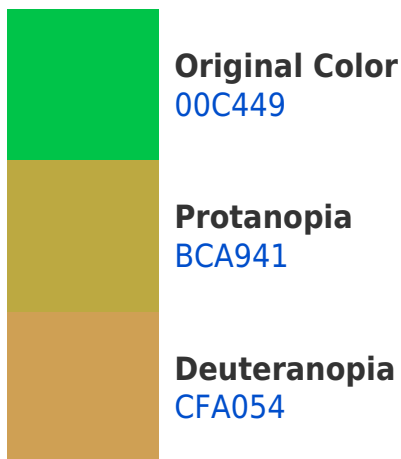


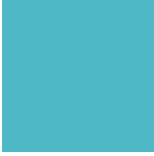
This preview shows how white text looks on a background with the Hex color 00C449.

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
4FB8C6

Trichromacy



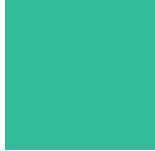
Original Color
00C449



Protanomaly
78B344



Deuteranomaly
84AD50



Tritanomaly
32BC99

Monochromacy



Original Color
00C449



Achromatopsia
7B7B7B



Achromatomaly
4E9669

CSS Examples

Text

The CSS property to change the color of the text to Hex 00C449 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 #00C449 looks like.

```
.text, #text, p{  
    color:#00C449  
}
```

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 #00C449 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C449
}
```

Border

The CSS property to change the border of an element to Hex 00C449 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
#00C449 }
```

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

```
.border{ border-color:#00C449 }
```

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

Here you see how a box with a 4 pixel #00C449 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C449; -webkit-box-shadow:4px 4px  
4px 4px #00C449; box-shadow:4px 4px 4px  
4px #00C449 }
```

Background

The CSS property to change the background color of an element to Hex 00C449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C449 }
```

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

```
.background{ background-color:#00C449 }
```

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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