

Converting Colors

Hex(03C449)

Have a look what the booklet for
Hex(03C449) contains.

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Color

Hex(03C449)

Conversions

Conversions Part 1

Format	Color
Hex	03C449
RGB	3, 196, 73
RGB Percent	1%, 77%, 29%
CMY	0.9882, 0.2314, 0.7137
CMYK	0.98, 0.00, 0.63, 0.23
HSL	142°, 97%, 39%
HSV	142°, 98%, 77%
XYZ	20.9801, 39.9803, 12.9145
YIQ	124.2710, -75.5450, -79.1690

Conversions

Conversions Part 2

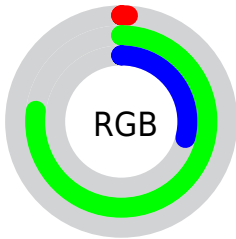
Format	Color
RYB	3, 145, 196
Decimal	246857
CIELab	69.46, -66.17, 49.07
CIELCh	69, 82.377, 143.438
Yxy	39.9803, 0.2840, 0.5412
Android (android.graphics.Color)	4278436937 (0xFF03C449)
YUV	124.2710, -25.2766, -106.3547
Hunter-Lab	63.2299, -51.4250, 32.1512

Details

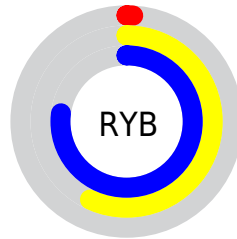
The Hex color **03C449** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed green. A complement of this color would be **C4037E**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **65FE7E**, and **008C0F** is the 20% darker color. If you saturate the color by 10%, you get **00C447**, and if you desaturate by 10%, it is **17C455**.

Distribution



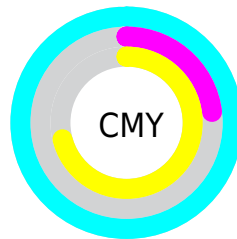
- Red (1%)
- Green (77%)
- Blue (29%)



- Red (1%)
- Yellow (57%)
- Blue (77%)



- Cyan (98%)
- Magenta (0%)
- Yellow (63%)
- Black (23%)



- Cyan (99%)
- Magenta (23%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 03C449 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 03C449 by changing the saturation by 10% instead.

 03C449

 03C449

FFFFFF

 00A82E

 65FE7E

 008C0F

 85FF99

 007200

 A4FFB5

 005800

 C3FFD1

 003F00

 E2FFEE

 002600

 000000

 03C449

 03C449

 00C447

 17C455

 2AC462

 3EC46E

 51C47B

 65C487

 79C494

 8CC4A0

 A0C4AD

 B3C4B9

Harmonies

Analogous

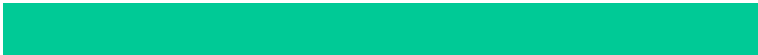
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93B700



03C449



00CA96

Triad

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



03C449



00B8FF



FF5F73

Complementary

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



03C449



C4037E

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



03C449



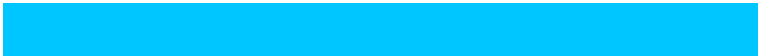
829DFF

Square

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



03C449



00C6FF



F378FF



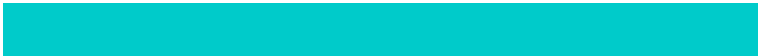
FF802D

Rectangle

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



03C449



00BCBA



F378FF



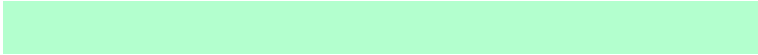
FF588B

Sweetspot

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



03C449



B3FFCE



80C403



528062



000000



808080

Same Dimension

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



03C449



00FF5C



03C4A7



57615B



00A13A



00210C

Inverse Universe

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



C4037E



FF00A3



C40320



61575D



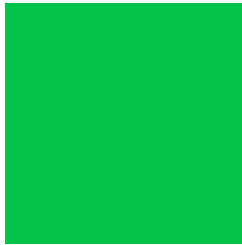
A10066



210015

Previews

White Background



This preview shows how the Hex color 03C449 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 03C449 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 03C449 Background



This preview shows how black text looks on a background with the Hex color 03C449.

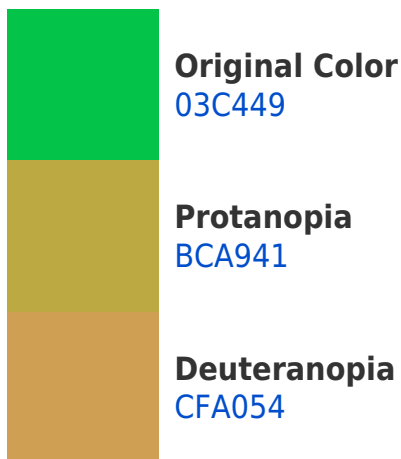


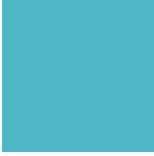
This preview shows how white text looks on a background with the Hex color 03C449.

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



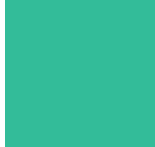
Original Color
03C449



Protanomaly
79B344



Deuteranomaly
85AD50



Tritanomaly
33BC99

Monochromacy



Original Color
03C449



Achromatopsia
7C7C7C



Achromatomaly
509669

CSS Examples

Text

The CSS property to change the color of the text to Hex 03C449 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 #03C449 looks like.

```
.text, #text, p{  
    color:#03C449  
}
```

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 #03C449 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #03C449
}
```

Border

The CSS property to change the border of an element to Hex 03C449 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
#03C449 }
```

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

```
.border{ border-color:#03C449 }
```

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

Here you see how a box with a 4 pixel #03C449 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #03C449; -webkit-box-shadow:4px 4px  
4px 4px #03C449; box-shadow:4px 4px 4px  
4px #03C449 }
```

Background

The CSS property to change the background color of an element to Hex 03C449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#03C449 }
```

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

```
.background{ background-color:#03C449 }
```

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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