

Converting Colors

Hex(00C374)

Have a look what the booklet for
Hex(00C374) contains.

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Color

Hex(00C374)

Conversions

Conversions Part 1

Format	Color
Hex	00C374
RGB	0, 195, 116
RGB Percent	0%, 76%, 45%
CMY	1.0000, 0.2353, 0.5451
CMYK	1.00, 0.00, 0.41, 0.24
HSL	156°, 100%, 38%
HSV	156°, 100%, 76%
XYZ	22.6675, 40.2912, 23.1053
YIQ	127.6890, -90.8610, -65.9090

Conversions

Conversions Part 2

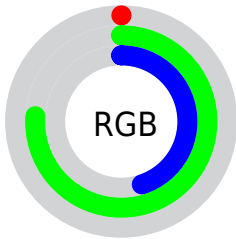
Format	Color
RYB	0, 122, 195
Decimal	50036
CIELab	69.68, -59.23, 28.43
CIELCh	70, 65.694, 154.361
Yxy	40.2912, 0.2634, 0.4682
Android (android.graphics.Color)	4278240116 (0xFF00C374)
YUV	127.6890, -5.7627, -111.9833
Hunter-Lab	63.4753, -47.3382, 22.8509

Details

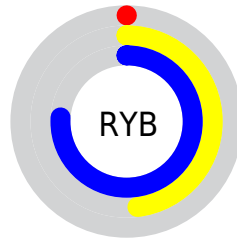
The Hex color **00C374** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark washed spring green. A complement of this color would be **C3004F**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **63FDA9**, and **008C43** is the 20% darker color. If you saturate the color by 10%, you get **00C374**, and if you desaturate by 10%, it is **13C37C**.

Distribution



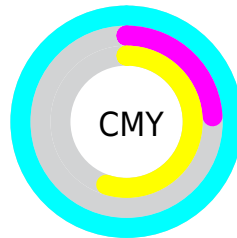
- Red (0%)
- Green (76%)
- Blue (45%)



- Red (0%)
- Yellow (48%)
- Blue (76%)



- Cyan (100%)
- Magenta (0%)
- Yellow (41%)
- Black (24%)



- Cyan (100%)
- Magenta (24%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00C374 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 00C374 by changing the saturation by 10% instead.

 00C374

 00C374

FFFFFF

 00A75B


 63FDA9

 008C43

 83FFC4

 00712B

 A2FFE0

 005714

 C0FFFD

 003E00

 DFFFFFF

 002700

FEFFFF

 000000

 00C374

 13C37C

 27C384

 3BC38C

 4EC394

 62C39C

 75C3A3

 88C3AB

 9CC3B3

 B0C3BB

Harmonies

Analogous

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



83BA40



00C374



00C7B1

Triad

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



00C374



21AEFF



FF7D6A

Complementary

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



00C374



C3004F

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.



FF71A4



00C374



B797FF

Square

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



00C374



00BEFF



F97EDF



F2943B

Rectangle

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



00C374



00C6DA



F97EDF



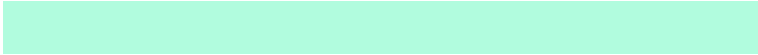
FF777D

Sweetspot

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



00C374



B1FCDE



51C300



52806D



000000



808080

Same Dimension

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



00C374



00FC96



00B3C3



57615D



00A160



002114

Inverse Universe

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



C3004F



FC0066



C31000



61575B



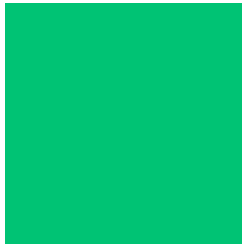
A10041



21000D

Previews

White Background



This preview shows how the Hex color 00C374 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 00C374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

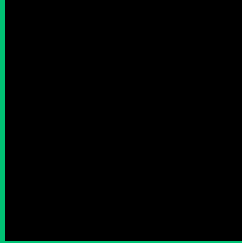
Any Text WCAG AA ✓ Pass

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 00C374 Background



This preview shows how black text looks on a background with the Hex color 00C374.

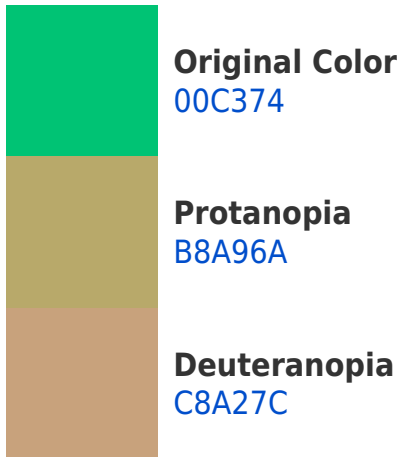


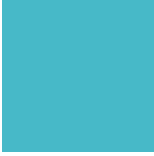
This preview shows how white text looks on a background with the Hex color 00C374.

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
47B9C8

Trichromacy



Original Color
00C374



Protanomaly
75B26E



Deuteranomaly
7FAE79



Tritanomaly
2DBDA9

Monochromacy



Original Color
00C374



Achromatopsia
808080



Achromatomaly
51987C

CSS Examples

Text

The CSS property to change the color of the text to Hex 00C374 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 #00C374 looks like.

```
.text, #text, p{  
    color:#00C374  
}
```

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 #00C374 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C374
}
```

Border

The CSS property to change the border of an element to Hex 00C374 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
#00C374 }
```

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

```
.border{ border-color:#00C374 }
```

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

Here you see how a box with a 4 pixel #00C374 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00C374; -webkit-box-shadow:4px 4px  
4px 4px #00C374; box-shadow:4px 4px 4px  
4px #00C374 }
```

Background

The CSS property to change the background color of an element to Hex 00C374 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00C374 }
```

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

```
.background{ background-color:#00C374 }
```

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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