

Converting Colors

Hex(00CC74)

Have a look what the booklet for
Hex(00CC74) contains.

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Color

Hex(00CC74)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 00CC74 |
| RGB | 0, 204, 116 |
| RGB Percent | 0%, 80%, 45% |
| CMY | 1.0000, 0.2000, 0.5451 |
| CMYK | 1.00, 0.00, 0.43, 0.20 |
| HSL | 154°, 100%, 40% |
| HSV | 154°, 100%, 80% |
| XYZ | 24.7453, 44.4467, 23.7979 |
| YIQ | 132.9720, -93.3360, -70.6160 |

Conversions

Conversions Part 2

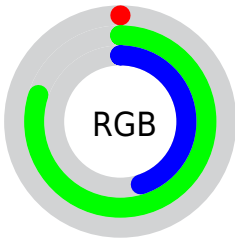
| Format | Color |
|-------------------------------------|--|
| RYB | 0, 130, 204 |
| Decimal | 52340 |
| CIELab | 72.53, -62.31, 32.16 |
| CIELCh | 73, 70.120, 152.702 |
| Yxy | 44.4467, 0.2661, 0.4780 |
| Android (android.graphics.Color) | 4278242420 (0xFF00CC74) |
| YUV | 132.9720, -8.3672, -116.6164 |
| Hunter-Lab | 66.6683, -50.4159, 25.5038 |

Details

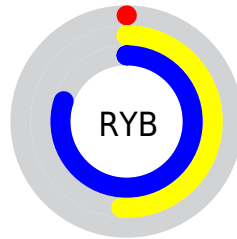
The Hex color **00CC74** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **CC0058**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **65FFA9**, and **009442** is the 20% darker color. If you saturate the color by 10%, you get **00CC74**, and if you desaturate by 10%, it is **14CC7D**.

Distribution



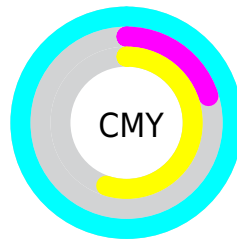
- Red (0%)
- Green (80%)
- Blue (45%)



- Red (0%)
- Yellow (51%)
- Blue (80%)



- Cyan (100%)
- Magenta (0%)
- Yellow (43%)
- Black (20%)



- Cyan (100%)
- Magenta (20%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00CC74 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 00CC74 by changing the saturation by 10% instead.

 00CC74

 00CC74

FFFFFF

 00B05B

 65FFA9

 009442

 86FFC4

 00792A

 A5FFE1

 005F12

 C4FFFE

 004600

 E3FFFF

 002F00

 001000

 000000

 00CC74

 14CC7D

 29CC86

 3DCC8E

 52CC97

 66CCA0

 7ACCA9

 8FCCB2

 A3CCBA

 B8CCC3

Harmonies

Analogous

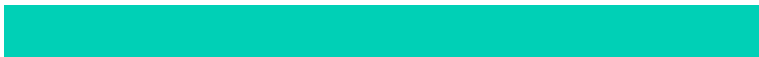
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8CC23C



00CC74



00D0B6

Triad

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



00CC74



00B7FF



FF7F70

Complementary

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



00CC74



CC0058

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.



FF74AF



00CC74



BA9EFF

Square

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



00CC74



00C8FF



FF82EE



FF983C

Rectangle

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



00CC74



00D0E2



FF82EE



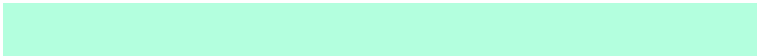
FF7984

Sweetspot

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



00CC74



B3FFDE



58CC00



52806C



000000



808080

Same Dimension

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



00CC74



00FF91



00BECC



5C6662



00A65E



002616

Inverse Universe

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



CC0058



FF006E



CC0E00



665C60



A60048



260011

Previews

White Background



This preview shows how the Hex color 00CC74 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 00CC74 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 00CC74 Background



This preview shows how black text looks on a background with the Hex color 00CC74.

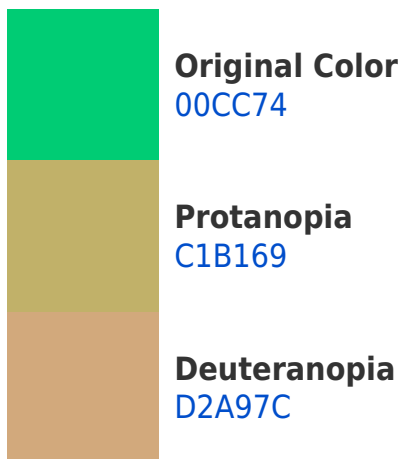


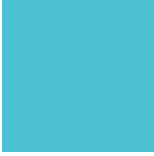
This preview shows how white text looks on a background with the Hex color 00CC74.

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
4BC1D1

Trichromacy



Original Color

00CC74



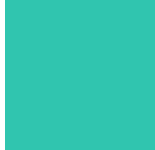
Protanomaly

7BBB6D



Deuteranomaly

86B679



Tritanomaly

30C5AF

Monochromacy



Original Color

00CC74



Achromatopsia

858585



Achromatomaly

559F7F

CSS Examples

Text

The CSS property to change the color of the text to Hex 00CC74 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 #00CC74 looks like.

```
.text, #text, p{  
    color:#00CC74  
}
```

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 #00CC74 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00CC74
}
```

Border

The CSS property to change the border of an element to Hex 00CC74 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
#00CC74 }
```

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

```
.border{ border-color:#00CC74 }
```

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

Here you see how a box with a 4 pixel #00CC74 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00CC74; -webkit-box-shadow:4px 4px  
4px 4px #00CC74; box-shadow:4px 4px 4px  
4px #00CC74 }
```

Background

The CSS property to change the background color of an element to Hex 00CC74 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00CC74 }
```

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

```
.background{ background-color:#00CC74 }
```

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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