

Converting Colors

Hex(00CC73)

Have a look what the booklet for
Hex(00CC73) contains.

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Color

Hex(00CC73)

Conversions

Conversions Part 1

Format	Color
Hex	00CC73
RGB	0, 204, 115
RGB Percent	0%, 80%, 45%
CMY	1.0000, 0.2000, 0.5490
CMYK	1.00, 0.00, 0.44, 0.20
HSL	154°, 100%, 40%
HSV	154°, 100%, 80%
XYZ	24.6874, 44.4235, 23.4931
YIQ	132.8580, -93.0150, -70.9270

Conversions

Conversions Part 2

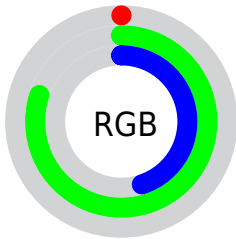
Format	Color
RYB	0, 130, 204
Decimal	52339
CIELab	72.51, -62.49, 32.65
CIELCh	73, 70.508, 152.416
Yxy	44.4235, 0.2666, 0.4797
Android (android.graphics.Color)	4278242419 (0xFF00CC73)
YUV	132.8580, -8.8040, -116.5165
Hunter-Lab	66.6510, -50.5232, 25.7572

Details

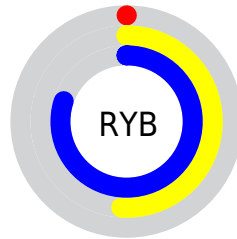
The Hex color **00CC73** is a dark color, and the websafe version is hex **00CC66**. The color can be described as dark washed spring green. A complement of this color would be **CC0059**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **65FFA8**, and **009441** is the 20% darker color. If you saturate the color by 10%, you get **00CC73**, and if you desaturate by 10%, it is **14CC7C**.

Distribution



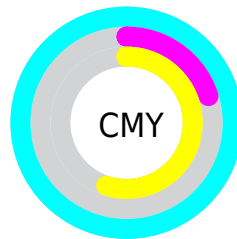
- Red (0%)
- Green (80%)
- Blue (45%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (44%)
- Black (20%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 00CC73 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 00CC73 by changing the saturation by 10% instead.

 00CC73

 00CC73

FFFFFF

 00B05A


 65FFA8

 009441

 86FFC3

 007929

 A5FFE0

 005F11

 C4FFFD

 004600

 E3FFFF

 002E00

 001000

 000000

 00CC73

 14CC7C

 29CC85

 3DCC8E

 52CC97

 66CCA0

 7ACCA8

 8FCCB1

 A3CCBA

 B8CCC3

Harmonies

Analogous

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



8CC23A



00CC73



00D0B5

Triad

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



00CC73



00B8FF



FF7E70

Complementary

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



00CC73



CC0059

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.



FF73AF



00CC73



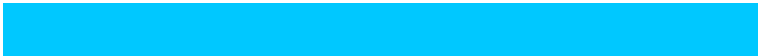
B99EFF

Square

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



00CC73



00C8FF



FF82EF



FF983C

Rectangle

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



00CC73



00D0E1



FF82EF



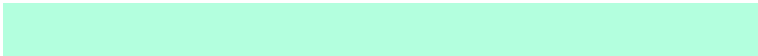
FF7885

Sweetspot

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



00CC73



B3FFDE



5CCC00



52806B



000000



808080

Same Dimension

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



00CC73



00FF90



00C2CC



5C6662



00A65D



002616

Inverse Universe

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



CC0059



FF006F



CC0A00



665C60



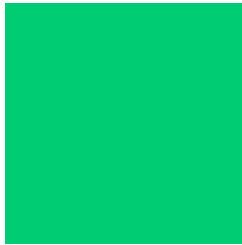
A60048



260011

Previews

White Background



This preview shows how the Hex color 00CC73 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 00CC73 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 00CC73 Background



This preview shows how black text looks on a background with the Hex color 00CC73.

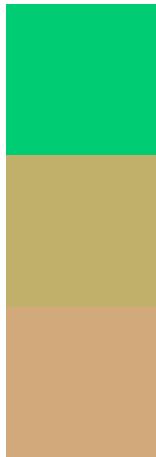


This preview shows how white text looks on a background with the Hex color 00CC73.

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](#).

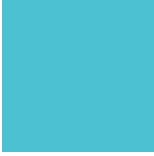
Dichromacy



Original Color
00CC73

Protanopia
C1B069

Deuteranopia
D2A97B



Tritanopia
4CC1D1

Trichromacy



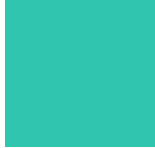
Original Color
00CC73



Protanomaly
7BBA6D



Deuteranomaly
86B678



Tritanomaly
30C5AF

Monochromacy



Original Color
00CC73



Achromatopsia
858585



Achromatomaly
559F7E

CSS Examples

Text

The CSS property to change the color of the text to Hex 00CC73 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 #00CC73 looks like.

```
.text, #text, p{  
    color:#00CC73  
}
```

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 #00CC73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00CC73
}
```

Border

The CSS property to change the border of an element to Hex 00CC73 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
#00CC73 }
```

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

```
.border{ border-color:#00CC73 }
```

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

Here you see how a box with a 4 pixel #00CC73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00CC73; -webkit-box-shadow:4px 4px  
4px 4px #00CC73; box-shadow:4px 4px 4px  
4px #00CC73 }
```

Background

The CSS property to change the background color of an element to Hex 00CC73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00CC73 }
```

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

```
.background{ background-color:#00CC73 }
```

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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