Converting Colors

Hex(00C098)

Have a look what the booklet for Hex(00C098) contains.

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Color

Hex(00C098)

Conversions

Conversions Part 1

Format	Color
Hex	00C098
RGB	0, 192, 152
RGB Percent	0%, 75%, 60%
CMY	1.0000, 0.2471, 0.4039
CMYK	1.00, 0.00, 0.21, 0.25
HSL	168°, 100%, 38%
HSV	168°, 100%, 75%
XYZ	24.5171, 39.9663, 36.1278
YIQ	130.0320, -101.5920, -53.1440

Conversions

Conversions Part 2

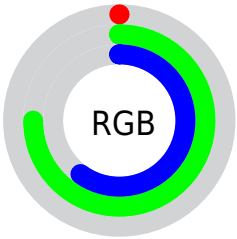
Format	Color
RYB	0, 107, 192
Decimal	49304
CIELab	69.45, -50.02, 8.86
CIELCh	69, 50.795, 169.955
Yxy	39.9663, 0.2437, 0.3972
Android (android.graphics.Color)	4278239384 (0xFF00C098)
YUV	130.0320, 10.8302, -114.0381
Hunter-Lab	63.2189, -41.4083, 10.3706

Details

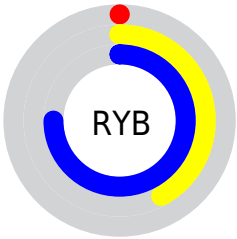
The Hex color 00C098 is a dark color, and the websafe version is hex 33CC99. The color can be described as dark washed spring green. A complement of this color would be C00028, and the grayscale version is 828282.

A 20% lighter version of the original color is 63F9CE, and 008965 is the 20% darker color. If you saturate the color by 10%, you get 00C098, and if you desaturate by 10%, it is 13C09C.

Distribution

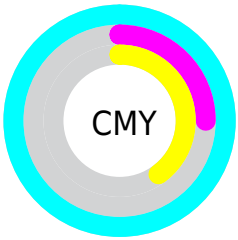


- Red (0%)
- Green (75%)
- Blue (60%)



- Red (0%)
- Yellow (42%)
- Blue (75%)

- Cyan (100%)
- Magenta (0%)
- Yellow (21%)
- Black (25%)



- Cyan (100%)
- Magenta (25%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00C098 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 00C098 by changing the saturation by 10% instead.

00C098

FFFFFF

63F9CE

83FFEA

A2FFFF

C1FFFF

DFFFFF

FEFFFF

00C098

00A47E

008965

006F4D

005536

003D21

00270B

000000

00C098

13C09C

26C0A0

3AC0A4

4DC0A8

60C0AC

73C0B0

86C0B4

9AC0B8

ADC0BC

Harmonies

Analogous

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

71BB6C

00C098

00C1C8

Triad

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

00C098

94A4FF

F29165

Complementary

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

00C098

C00028

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.

FF848D

00C098

D391E5

Square

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

00C098

17B3FF

F784BB

D2A24D

Rectangle

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

00C098

00BFE3

F784BB

F98C71

Sweetspot

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

00C098

AFFAEA

2AC000

507D74

FCFCFC

7D7D7D

Same Dimension

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

00C098

00FAC6

008AC0

57615F

00A17F

00211A

Inverse Universe

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

C00028

FA0034

C03600

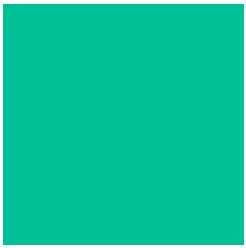
615759

A10021

210007

Previews

White Background

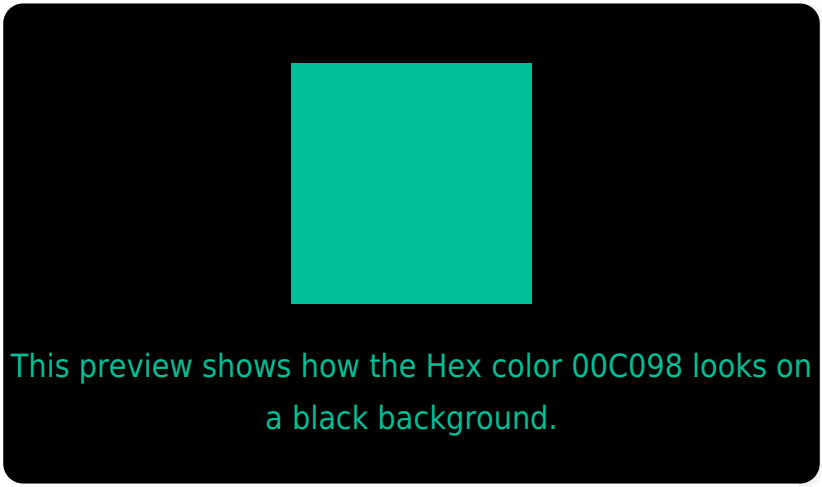


This preview shows how the Hex color 00C098 looks on a white background.

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



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 00C098 Background

This preview shows how black text looks on a background with the Hex color 00C098.

This preview shows how white text looks on a background with the Hex color 00C098.

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
00C098

Protanopia
B2A88C

Deuteranopia
BCA39E

Tritanopia
3BB9C8

Trichromacy

Original Color
00C098

Protanomaly
71B190

Deuteranomaly
78AE9C

Tritanomaly
26BCB7

Monochromacy

Original Color
00C098

Achromatopsia
828282

Achromatomaly
53998A

CSS Examples

Text

The CSS property to change the color of the text to Hex 00C098 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 #00C098 looks like.

```
.text, #text, p{
    color:#00C098
}
```

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 #00C098 colored shadow looks like.

Here you see how black text with a 4 pixel #00C098 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00C098 }
```

Border

The CSS property to change the border of an element to Hex 00C098 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 #00C098 }
```

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

```
.border{ border-color:#00C098 }
```

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

Here you see how a box with a 4 pixel #00C098 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px #00C098; -webkit-box-shadow:4px 4px 4px 4px #00C098; box-shadow:4px 4px 4px 4px #00C098 }
```

Background

The CSS property to change the background color of an element to Hex 00C098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:#00C098 }
```

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

```
.background{ background-color:#00C098 }
```

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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