

Converting Colors

Hex(009C80)

Have a look what the booklet for
Hex(009C80) contains.

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Color

Hex(009C80)

Conversions

Conversions Part 1

Format	Color
Hex	009C80
RGB	0, 156, 128
RGB Percent	0%, 61%, 50%
CMY	1.0000, 0.3882, 0.4980
CMYK	1.00, 0.00, 0.18, 0.39
HSL	169°, 100%, 31%
HSV	169°, 100%, 61%
XYZ	15.7847, 25.3354, 24.4804
YIQ	106.1640, -83.9880, -41.7800

Conversions

Conversions Part 2

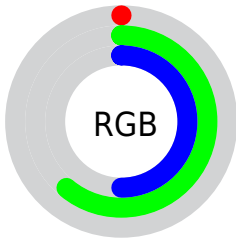
Format	Color
RYB	0, 86, 156
Decimal	40064
CIELab	57.40, -41.55, 4.94
CIELCh	57, 41.842, 173.220
Yxy	25.3354, 0.2406, 0.3862
Android (android.graphics.Color)	4278230144 (0xFF009C80)
YUV	106.1640, 10.7651, -93.1058
Hunter-Lab	50.3343, -32.1078, 6.3980

Details

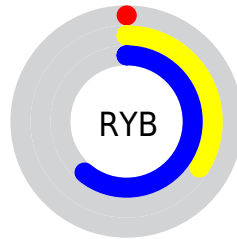
The Hex color **009C80** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9C001C**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **59D3B5**, and **00684F** is the 20% darker color. If you saturate the color by 10%, you get **009C80**, and if you desaturate by 10%, it is **109C83**.

Distribution



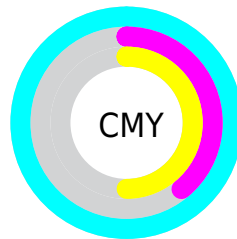
- Red (0%)
- Green (61%)
- Blue (50%)



- Red (0%)
- Yellow (34%)
- Blue (61%)



- Cyan (100%)
- Magenta (0%)
- Yellow (18%)
- Black (39%)



- Cyan (100%)
- Magenta (39%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009C80 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 009C80 by changing the saturation by 10% instead.

 009C80

 009C80

FFFFFF

 008167

 59D3B5

 00684F

 77F0D0

 004F38

 95FFED

 003723

 B2FFFF

 00210D

 D0FFFF

 000000

 EEEFFF

 009C80

 109C83

 1F9C86

 2F9C88

 3E9C8B

 4E9C8E

 5E9C91

 6D9C94

 7D9C96

 8C9C99

Harmonies

Analogous

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



58985D



009C80



009CA5

Triad

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



009C80



8084CD



C27850

Complementary

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



009C80



9C001C

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.



CF6D6F



009C80



AF75B6

Square

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



009C80



3390D2



C96C94



A78540

Rectangle

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



009C80



009ABB



C96C94



C87459

Sweetspot

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



009C80



8FCCC1



1D9C00



41665F



E6E6E6



666666

Same Dimension

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



009C80



00CCA7



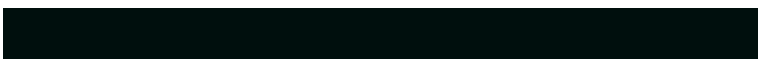
006B9C



474F4E



008F75



000F0D

Inverse Universe

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



9C001C



CC0025



9C3100



4F4749



8F001A



0F0003

Previews

White Background



This preview shows how the Hex color 009C80 looks on a white background.

Color Contrast Check

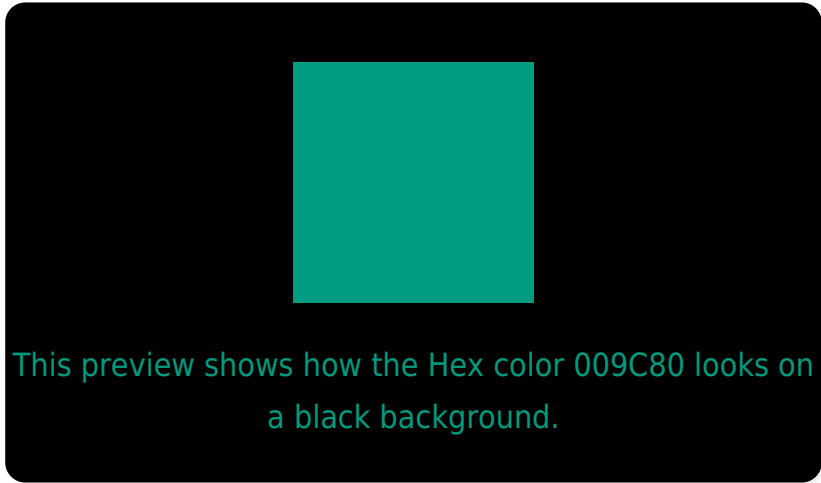
Large Text (above 18pt) WCAG AA ✓ Pass

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

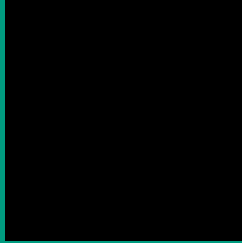
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 009C80 Background



This preview shows how black text looks on a background with the Hex color 009C80.

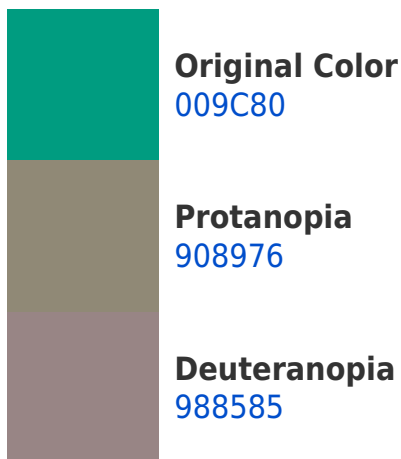


This preview shows how white text looks on a background with the Hex color 009C80.

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
2E97A3

Trichromacy



Original Color
009C80



Protanomaly
5C907A



Deuteranomaly
618D83



Tritanomaly
1D9996

Monochromacy



Original Color
009C80



Achromatopsia
6A6A6A



Achromatomaly
437C72

CSS Examples

Text

The CSS property to change the color of the text to Hex 009C80 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 #009C80 looks like.

```
.text, #text, p{  
    color:#009C80  
}
```

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 #009C80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009C80
}
```

Border

The CSS property to change the border of an element to Hex 009C80 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
#009C80 }
```

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

```
.border{ border-color:#009C80 }
```

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

Here you see how a box with a 4 pixel #009C80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009C80; -webkit-box-shadow:4px 4px  
4px 4px #009C80; box-shadow:4px 4px 4px  
4px #009C80 }
```

Background

The CSS property to change the background color of an element to Hex 009C80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009C80 }
```

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

```
.background{ background-color:#009C80 }
```

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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