

Converting Colors

Hex(009C78)

Have a look what the booklet for
Hex(009C78) contains.

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Color

Hex(009C78)

Conversions

Conversions Part 1

Format	Color
Hex	009C78
RGB	0, 156, 120
RGB Percent	0%, 61%, 47%
CMY	1.0000, 0.3882, 0.5294
CMYK	1.00, 0.00, 0.23, 0.39
HSL	166°, 100%, 31%
HSV	166°, 100%, 61%
XYZ	15.2786, 25.1330, 21.8152
YIQ	105.2520, -81.4200, -44.2680

Conversions

Conversions Part 2

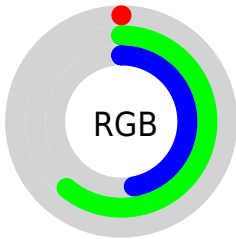
Format	Color
RYB	0, 88, 156
Decimal	40056
CIELab	57.20, -43.67, 9.19
CIELCh	57, 44.629, 168.123
Yxy	25.1330, 0.2455, 0.4039
Android (android.graphics.Color)	4278230136 (0xFF009C78)
YUV	105.2520, 7.2708, -92.3060
Hunter-Lab	50.1328, -33.3322, 9.2931

Details

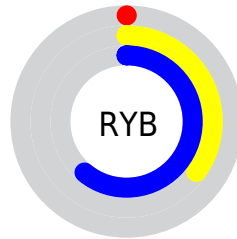
The Hex color **009C78** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **9C0024**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **58D3AC**, and **006748** is the 20% darker color. If you saturate the color by 10%, you get **009C78**, and if you desaturate by 10%, it is **109C7C**.

Distribution



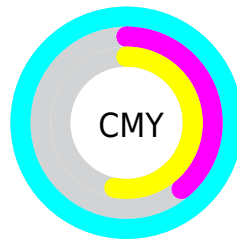
- Red (0%)
- Green (61%)
- Blue (47%)



- Red (0%)
- Yellow (35%)
- Blue (61%)



- Cyan (100%)
- Magenta (0%)
- Yellow (23%)
- Black (39%)



- Cyan (100%)
- Magenta (39%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009C78 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 009C78 by changing the saturation by 10% instead.



009C78



009C78

FFFFFF



00815F



58D3AC



006748



76F0C8



004E31



94FFE4



00361C



B1FFFF



002103



CFFFFFF



000000



EDFFFF



009C78



109C7C

 1F9C7F

 2F9C83

 3E9C86

 4E9C8A

 5E9C8E

 6D9C91

 7D9C95

 8C9C98

Harmonies

Analogous

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



5C9753



009C78



009DA0

Triad

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



009C78



7285D3



C77351

Complementary

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



009C78



9C0024

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.



D26973



009C78



AA76BE

Square

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



009C78



0092D5



C96A9B



AD823B

Rectangle

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



009C78



009BB8



C96A9B



CD6F5B

Sweetspot

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



009C78



8FCCBE



249C00



41665E



E6E6E6



666666

Same Dimension

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



009C78



00CC9D



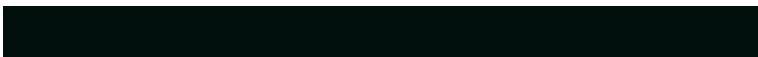
00729C



474F4D



008F6E



000F0C

Inverse Universe

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



9C0024



CC002F



9C2A00



4F4749



8F0021



0F0004

Previews

White Background



This preview shows how the Hex color 009C78 looks on a white background.

Color Contrast Check

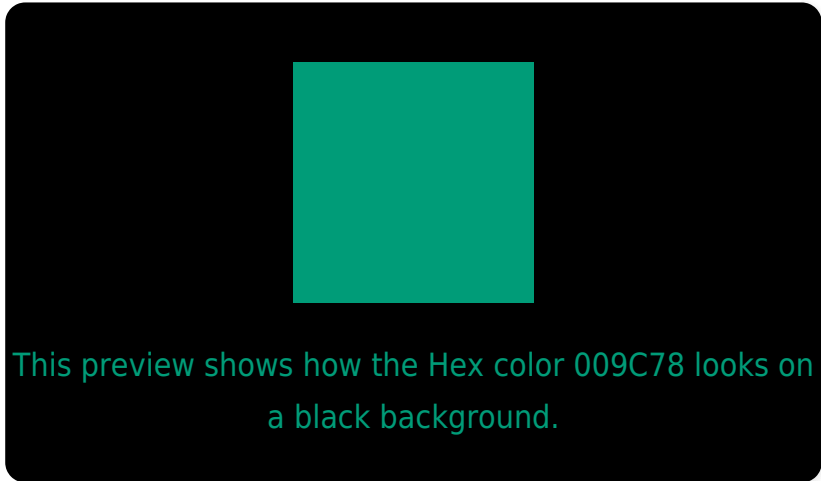
Large Text (above 18pt) WCAG AA ✓ Pass

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

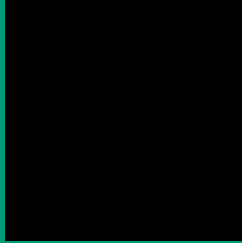
Any Text WCAG AA ✓ Pass

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 009C78 Background



This preview shows how black text looks on a background with the Hex color 009C78.

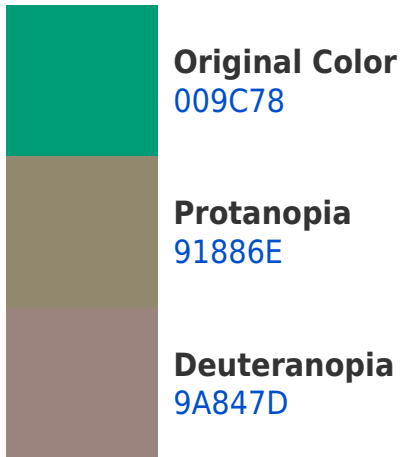


This preview shows how white text looks on a background with the Hex color 009C78.

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
3196A3

Trichromacy



Original Color
009C78



Protanomaly
5C8F72



Deuteranomaly
628D7B



Tritanomaly
1F9893

Monochromacy



Original Color
009C78



Achromatopsia
696969



Achromatomaly
437C6E

CSS Examples

Text

The CSS property to change the color of the text to Hex 009C78 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 #009C78 looks like.

```
.text, #text, p{  
    color:#009C78  
}
```

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 #009C78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009C78
}
```

Border

The CSS property to change the border of an element to Hex 009C78 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
#009C78 }
```

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

```
.border{ border-color:#009C78 }
```

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

Here you see how a box with a 4 pixel #009C78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009C78; -webkit-box-shadow:4px 4px  
4px 4px #009C78; box-shadow:4px 4px 4px  
4px #009C78 }
```

Background

The CSS property to change the background color of an element to Hex 009C78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009C78 }
```

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

```
.background{ background-color:#009C78 }
```

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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