

Converting Colors

Hex(009B98)

Have a look what the booklet for
Hex(009B98) contains.

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Color

Hex(009B98)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 009B98 |
| RGB | 0, 155, 152 |
| RGB Percent | 0%, 61%, 60% |
| CMY | 1.0000, 0.3922, 0.4039 |
| CMYK | 1.00, 0.00, 0.02, 0.39 |
| HSL | 179°, 100%, 30% |
| HSV | 179°, 100%, 61% |
| XYZ | 17.3888, 25.7097, 33.7517 |
| YIQ | 108.3130, -91.4170, -33.7930 |

Conversions

Conversions Part 2

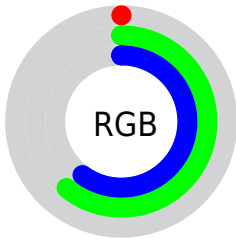
| Format | Color |
|-------------------------------------|--|
| RYB | 0, 78, 155 |
| Decimal | 39832 |
| CIELab | 57.76, -34.09, -8.18 |
| CIELCh | 58, 35.057, 193.497 |
| Yxy | 25.7097, 0.2263, 0.3345 |
| Android (android.graphics.Color) | 4278229912 (0xFF009B98) |
| YUV | 108.3130, 21.5377, -94.9905 |
| Hunter-Lab | 50.7047, -27.5179, -3.9733 |

Details

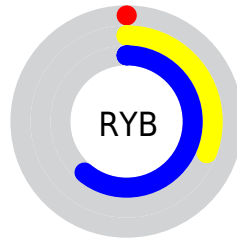
The Hex color **009B98** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **9B0003**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **5BD2CE**, and **006765** is the 20% darker color. If you saturate the color by 10%, you get **009B98**, and if you desaturate by 10%, it is **0F9B98**.

Distribution



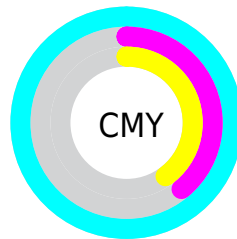
- Red (0%)
- Green (61%)
- Blue (60%)



- Red (0%)
- Yellow (31%)
- Blue (61%)



- Cyan (100%)
- Magenta (0%)
- Yellow (2%)
- Black (39%)




- Cyan (100%)
- Magenta (39%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009B98 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 009B98 by changing the saturation by 10% instead.

 009B98

 009B98

FFFFFF

 00817E

 5BD2CE

 006765

 7AEFEA

 004E4D

 97FFFF

 003737

 B5FFFF

 002321

 D3FFFF

 00000B

 F1FFFF

 000000

 009B98

 0F9B98

 1F9B99

 2F9B99

 3E9B99

 4E9B99

 5D9B9A

 6C9B9A

 7C9B9A

 8B9B9B

Harmonies

Analogous

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



469A78



009B98



0099B4

Triad

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



009B98



A07EB7



AD8350

Complementary

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



009B98



9B0003

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.



C07962



009B98



BC759D

Square

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



009B98



7489C6



C6737E



918D4E

Rectangle

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



009B98



2195C1



C6737E



B57F55

Sweetspot

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



009B98



8DC9C8



059B00



416665



E6E6E6



666666

Same Dimension

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



009B98



00C9C6



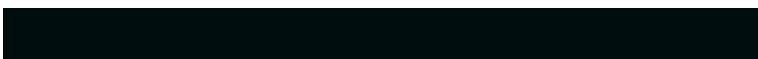
00539B



454D4C



008C8A



000D0D

Inverse Universe

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



9B0003



C90004



9B4800



4D4545



8C0003



0D0000

Previews

White Background



This preview shows how the Hex color 009B98 looks on a white background.

Color Contrast Check

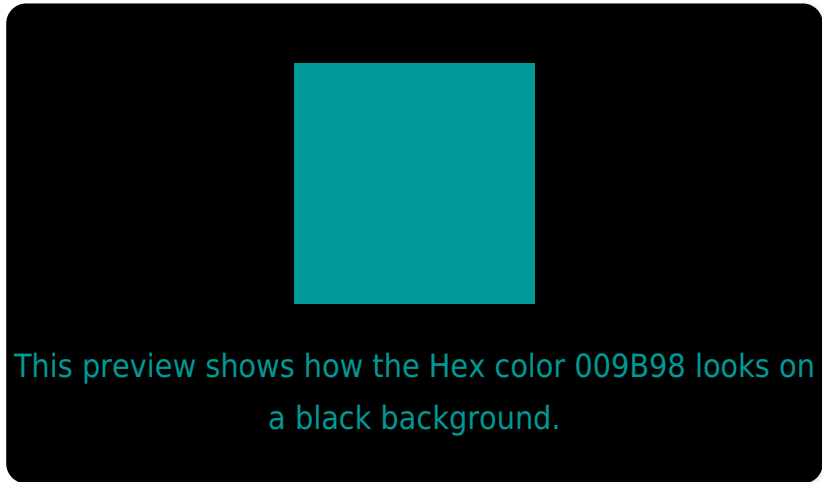
Large Text (above 18pt) WCAG AA ✓ Pass

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

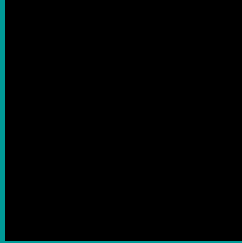
Any Text WCAG AA ✓ Pass

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 009B98 Background



This preview shows how black text looks on a background with the Hex color 009B98.

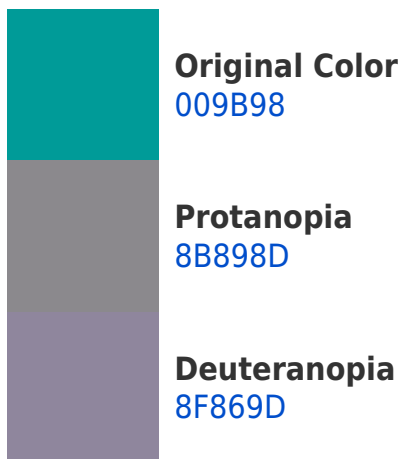


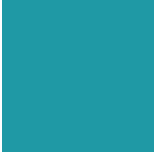
This preview shows how white text looks on a background with the Hex color 009B98.

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
1F99A5

Trichromacy



Original Color
009B98



Protanomaly
589091



Deuteranomaly
5B8E9B



Tritanomaly
149AA0

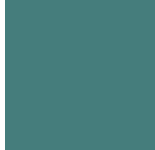
Monochromacy



Original Color
009B98



Achromatopsia
6C6C6C



Achromatomaly
457D7C

CSS Examples

Text

The CSS property to change the color of the text to Hex 009B98 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 #009B98 looks like.

```
.text, #text, p{  
    color:#009B98  
}
```

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 #009B98 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009B98
}
```

Border

The CSS property to change the border of an element to Hex 009B98 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
#009B98 }
```

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

```
.border{ border-color:#009B98 }
```

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

Here you see how a box with a 4 pixel #009B98 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009B98; -webkit-box-shadow:4px 4px  
4px 4px #009B98; box-shadow:4px 4px 4px  
4px #009B98 }
```

Background

The CSS property to change the background color of an element to Hex 009B98 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009B98 }
```

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

```
.background{ background-color:#009B98 }
```

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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