

Converting Colors

Hex(009A98)

Have a look what the booklet for
Hex(009A98) contains.

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Color

Hex(009A98)

Conversions

Conversions Part 1

Format	Color
Hex	009A98
RGB	0, 154, 152
RGB Percent	0%, 60%, 60%
CMY	1.0000, 0.3961, 0.4039
CMYK	1.00, 0.00, 0.01, 0.40
HSL	179°, 100%, 30%
HSV	179°, 100%, 60%
XYZ	17.2231, 25.3782, 33.6965
YIQ	107.7260, -91.1420, -33.2700

Conversions

Conversions Part 2

Format	Color
RYB	0, 78, 154
Decimal	39576
CIELab	57.44, -33.62, -8.66
CIELCh	57, 34.717, 194.440
Yxy	25.3782, 0.2257, 0.3326
Android (android.graphics.Color)	4278229656 (0xFF009A98)
YUV	107.7260, 21.8271, -94.4757
Hunter-Lab	50.3768, -27.1328, -4.3947

Details

The Hex color **009A98** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **9A0002**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **5BD1CE**, and **006665** is the 20% darker color. If you saturate the color by 10%, you get **009A98**, and if you desaturate by 10%, it is **0F9A98**.

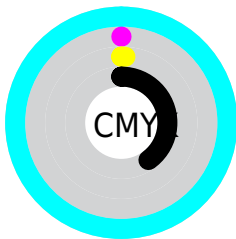
Distribution



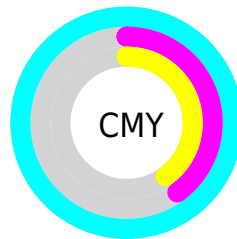
- Red (0%)
- Green (60%)
- Blue (60%)



- Red (0%)
- Yellow (31%)
- Blue (60%)



- Cyan (100%)
- Magenta (0%)
- Yellow (1%)
- Black (40%)




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

Brightness & Saturation Gradients

These gradients show how the Hex color 009A98 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 009A98 by changing the saturation by 10% instead.


 009A98

 009A98

FFFFFF

 00807E

 5BD1CE

 006665

 79EEEA

 004D4D

 97FFFF

 003637

 B5FFFF

 002221

 D3FFFF

 00000A

 F1FFFF

 000000

 009A98

 0F9A98

 1F9A98

 2E9A99

 3E9A99

 4D9A99

 5C9A99

 6C9A99

 7B9A9A

 8B9A9A

Harmonies

Analogous

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



459979



009A98



0098B3

Triad

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



009A98



A07DB5



AB8350

Complementary

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



009A98



9A0002

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.



BE7861



009A98



BB749B

Square

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



009A98



7588C4



C5727C



8F8D4E

Rectangle

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



009A98



2594C0



C5727C



B37F54

Sweetspot

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



009A98



8DC9C9



039A00



416666



E6E6E6



666666

Same Dimension

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



009A98



00C9C7



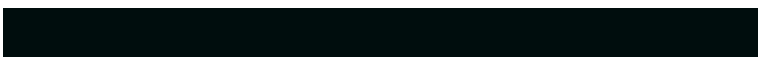
00509A



454D4C



008C8A



000D0D

Inverse Universe

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



9A0002



C90003



9A4A00



4D4545



8C0002



0D0000

Previews

White Background



This preview shows how the Hex color 009A98 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



This preview shows how the Hex color 009A98 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

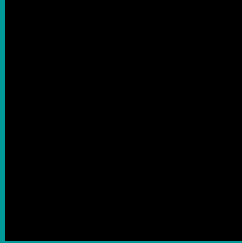
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 009A98 Background



This preview shows how black text looks on a background with the Hex color 009A98.

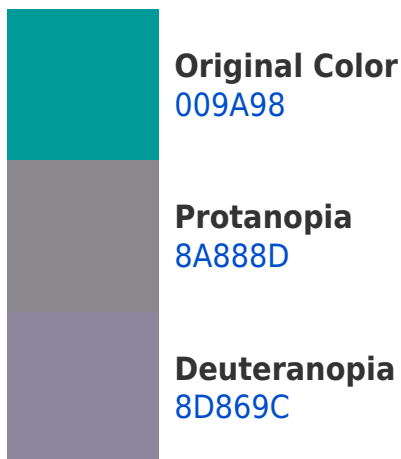


This preview shows how white text looks on a background with the Hex color 009A98.

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
1E98A4

Trichromacy



Original Color
009A98



Protanomaly
588F91



Deuteranomaly
5A8D9B



Tritanomaly
1399A0

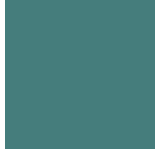
Monochromacy



Original Color
009A98



Achromatopsia
6C6C6C



Achromatomaly
457D7C

CSS Examples

Text

The CSS property to change the color of the text to Hex 009A98 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 #009A98 looks like.

```
.text, #text, p{  
    color:#009A98  
}
```

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 #009A98 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009A98
}
```

Border

The CSS property to change the border of an element to Hex 009A98 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
#009A98 }
```

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

```
.border{ border-color:#009A98 }
```

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

Here you see how a box with a 4 pixel #009A98 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009A98; -webkit-box-shadow:4px 4px  
4px 4px #009A98; box-shadow:4px 4px 4px  
4px #009A98 }
```

Background

The CSS property to change the background color of an element to Hex 009A98 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009A98 }
```

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

```
.background{ background-color:#009A98 }
```

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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