

Converting Colors

Hex(009C9B)

Have a look what the booklet for
Hex(009C9B) contains.

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Color

Hex(009C9B)

Conversions

Conversions Part 1

Format	Color
Hex	009C9B
RGB	0, 156, 155
RGB Percent	0%, 61%, 61%
CMY	1.0000, 0.3882, 0.3922
CMYK	1.00, 0.00, 0.01, 0.39
HSL	180°, 100%, 31%
HSV	180°, 100%, 61%
XYZ	17.8049, 26.1435, 35.1181
YIQ	109.2420, -92.6550, -33.3830

Conversions

Conversions Part 2

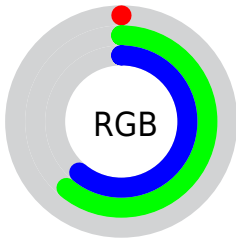
Format	Color
RYB	0, 78, 156
Decimal	40091
CIELab	58.17, -33.62, -9.27
CIELCh	58, 34.876, 195.420
Yxy	26.1435, 0.2252, 0.3307
Android (android.graphics.Color)	4278230171 (0xFF009C9B)
YUV	109.2420, 22.5587, -95.8052
Hunter-Lab	51.1307, -27.3210, -4.9307

Details

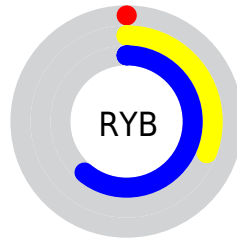
The Hex color **009C9B** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **9C0001**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **5CD3D1**, and **006868** is the 20% darker color. If you saturate the color by 10%, you get **009C9B**, and if you desaturate by 10%, it is **109C9B**.

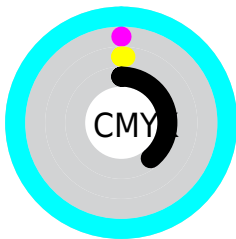
Distribution



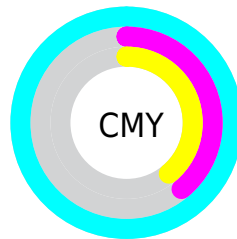
- Red (0%)
- Green (61%)
- Blue (61%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (1%)
- Black (39%)




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

Brightness & Saturation Gradients

These gradients show how the Hex color 009C9B 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 009C9B by changing the saturation by 10% instead.

 009C9B

 009C9B

FFFFFF

 008281

 5CD3D1

 006868

 7AF0EE

 004F50

 98FFFF

 003839

 B6FFF

 002423

 D4FFF

 00010E

 F2FFF

 000000

 009C9B

 109C9B

 1F9C9B

 2F9C9B

 3E9C9B

 4E9C9C

 5E9C9C

 6D9C9C

 7D9C9C

 8C9C9C

Harmonies

Analogous

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



459B7B



009C9B



009AB6

Triad

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



009C9B



A37EB7



AC8551

Complementary

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



009C9B



9C0001

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.



C07A62



009C9B



BE759C

Square

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



009C9B



7989C6



C7747D



908F50

Rectangle

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



009C9B



2A96C3



C7747D



B48155

Sweetspot

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



009C9B



8FCCCC



039C00



416666



E6E6E6



666666

Same Dimension

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



009C9B



00CCCB



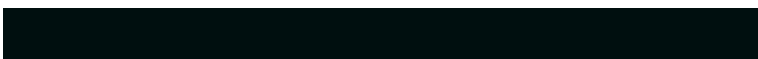
00519C



474F4F



008F8E



000F0F

Inverse Universe

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



9C0001



CC0001



9C4B00



4F4747



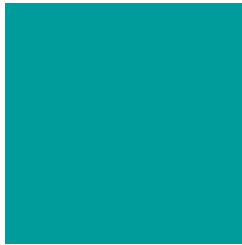
8F0001



0F0000

Previews

White Background



This preview shows how the Hex color 009C9B 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 009C9B looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

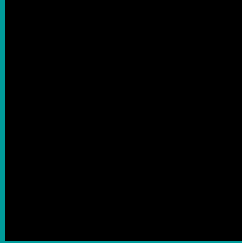
Any Text WCAG AA ✓ Pass

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 009C9B Background



This preview shows how black text looks on a background with the Hex color 009C9B.

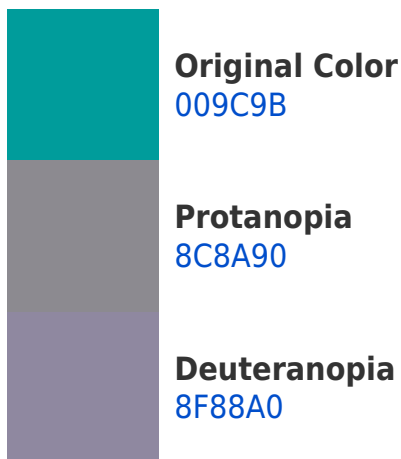


This preview shows how white text looks on a background with the Hex color 009C9B.

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
1D9AA7

Trichromacy



Original Color
009C9B



Protanomaly
599194



Deuteranomaly
5B8F9E



Tritanomaly
129BA3

Monochromacy



Original Color
009C9B



Achromatopsia
6D6D6D



Achromatomaly
457E7E

CSS Examples

Text

The CSS property to change the color of the text to Hex 009C9B 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 #009C9B looks like.

```
.text, #text, p{  
    color:#009C9B  
}
```

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 #009C9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009C9B
}
```

Border

The CSS property to change the border of an element to Hex 009C9B 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
#009C9B }
```

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

```
.border{ border-color:#009C9B }
```

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

Here you see how a box with a 4 pixel #009C9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009C9B; -webkit-box-shadow:4px 4px  
4px 4px #009C9B; box-shadow:4px 4px 4px  
4px #009C9B }
```

Background

The CSS property to change the background color of an element to Hex 009C9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009C9B }
```

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

```
.background{ background-color:#009C9B }
```

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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