

Converting Colors

Hex(009C8B)

Have a look what the booklet for
Hex(009C8B) contains.

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Color

Hex(009C8B)

Conversions

Conversions Part 1

Format	Color
Hex	009C8B
RGB	0, 156, 139
RGB Percent	0%, 61%, 55%
CMY	1.0000, 0.3882, 0.4549
CMYK	1.00, 0.00, 0.11, 0.39
HSL	173°, 100%, 31%
HSV	173°, 100%, 61%
XYZ	16.5487, 25.6410, 28.5031
YIQ	107.4180, -87.5190, -38.3590

Conversions

Conversions Part 2

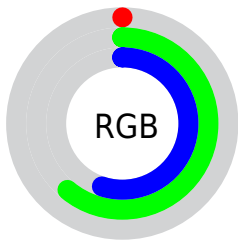
Format	Color
RYB	0, 82, 156
Decimal	40075
CIELab	57.69, -38.45, -0.88
CIELCh	58, 38.462, 181.312
Yxy	25.6410, 0.2341, 0.3627
Android (android.graphics.Color)	4278230155 (0xFF009C8B)
YUV	107.4180, 15.5699, -94.2056
Hunter-Lab	50.6370, -30.2791, 2.0720

Details

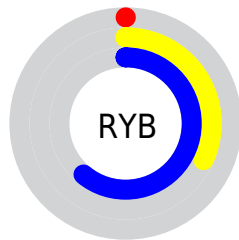
The Hex color **009C8B** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **9C0011**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **5AD3C0**, and **006859** is the 20% darker color. If you saturate the color by 10%, you get **009C8B**, and if you desaturate by 10%, it is **109C8D**.

Distribution



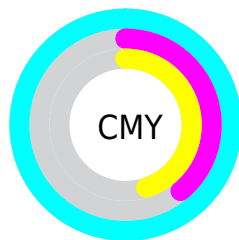
- Red (0%)
- Green (61%)
- Blue (55%)



- Red (0%)
- Yellow (32%)
- Blue (61%)



- Cyan (100%)
- Magenta (0%)
- Yellow (11%)
- Black (39%)



- Cyan (100%)
- Magenta (39%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 009C8B 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 009C8B by changing the saturation by 10% instead.

 009C8B

 009C8B

FFFFFF

 008172

 5AD3C0

 006859

 78F0DC

 004F42

 96FFF9

 00372C

 B3FFF9

 002217

 D1FFF9

 000000

 EFFFFFF

 009C8B

 109C8D

 1F9C8E

 2F9C90

 3E9C92

 4E9C93

 5E9C95

 6D9C97

 7D9C99

 8C9C9A

Harmonies

Analogous

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



519969



009C8B



009BAC

Triad

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



009C8B



8F81C4



B97D50

Complementary

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



009C8B



9C0011

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.



C97369



009C8B



B675AB

Square

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



009C8B



578ECD



C96F8A



9E8946

Rectangle

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



009C8B



0099BE



C96F8A



C07957

Sweetspot

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



009C8B



8FCCC5



129C00



416662



E6E6E6



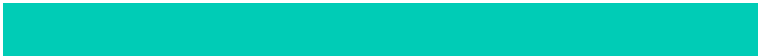
666666

Same Dimension

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



009C8B



00CCB6



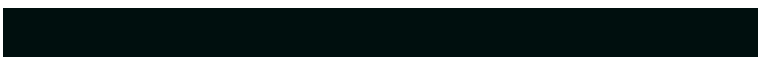
00609C



474F4E



008F7F



000F0E

Inverse Universe

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



9C0011



CC0016



9C3C00



4F4748



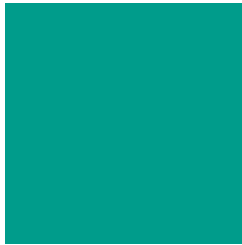
8F0010



0F0002

Previews

White Background



This preview shows how the Hex color 009C8B looks on a white background.

Color Contrast Check

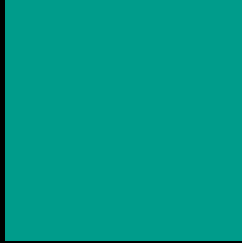
Large Text (above 18pt) WCAG AA ✓ Pass

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 009C8B looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

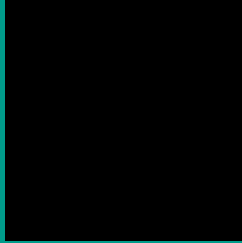
Any Text WCAG AA ✓ Pass

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 009C8B Background



This preview shows how black text looks on a background with the Hex color 009C8B.

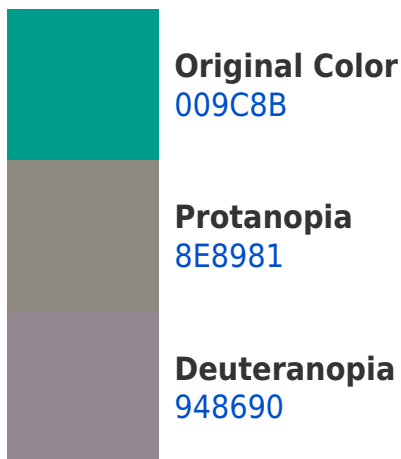


This preview shows how white text looks on a background with the Hex color 009C8B.

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
2898A5

Trichromacy



Original Color
009C8B



Protanomaly
5A9085



Deuteranomaly
5E8E8E



Tritanomaly
19999C

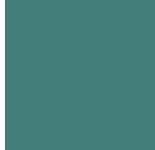
Monochromacy



Original Color
009C8B



Achromatopsia
6B6B6B



Achromatomaly
447D77

CSS Examples

Text

The CSS property to change the color of the text to Hex 009C8B 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 #009C8B looks like.

```
.text, #text, p{  
    color:#009C8B  
}
```

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 #009C8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009C8B
}
```

Border

The CSS property to change the border of an element to Hex 009C8B 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
#009C8B }
```

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

```
.border{ border-color:#009C8B }
```

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

Here you see how a box with a 4 pixel #009C8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009C8B; -webkit-box-shadow:4px 4px  
4px 4px #009C8B; box-shadow:4px 4px 4px  
4px #009C8B }
```

Background

The CSS property to change the background color of an element to Hex 009C8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009C8B }
```

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

```
.background{ background-color:#009C8B }
```

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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