

Converting Colors

Hex(009C8D)

Have a look what the booklet for
Hex(009C8D) contains.

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Color

Hex(009C8D)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 009C8D |
| RGB | 0, 156, 141 |
| RGB Percent | 0%, 61%, 55% |
| CMY | 1.0000, 0.3882, 0.4471 |
| CMYK | 1.00, 0.00, 0.10, 0.39 |
| HSL | 174°, 100%, 31% |
| HSV | 174°, 100%, 61% |
| XYZ | 16.6962, 25.7000, 29.2799 |
| YIQ | 107.6460, -88.1610, -37.7370 |

Conversions

Conversions Part 2

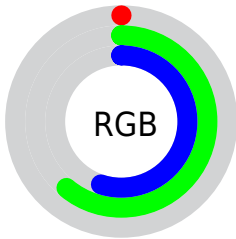
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 0, 82, 156 |
| Decimal | 40077 |
| CIELab | 57.75, -37.87, -1.93 |
| CIELCh | 58, 37.918, 182.925 |
| Yxy | 25.7000, 0.2329, 0.3586 |
| Android (android.graphics.Color) | 4278230157 (0xFF009C8D) |
| YUV | 107.6460, 16.4435, -94.4055 |
| Hunter-Lab | 50.6952, -29.9286, 1.2426 |

Details

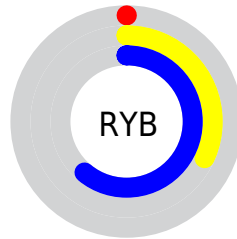
The Hex color **009C8D** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **9C000F**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **5AD3C3**, and **00685B** is the 20% darker color. If you saturate the color by 10%, you get **009C8D**, and if you desaturate by 10%, it is **109C8F**.

Distribution



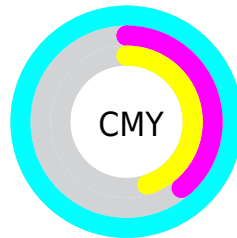
- Red (0%)
- Green (61%)
- Blue (55%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (10%)
- Black (39%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 009C8D 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 009C8D by changing the saturation by 10% instead.

 009C8D

 009C8D

FFFFFF

 008174

 5AD3C3

 00685B

 78F0DE

 004F44

 96FFFB

 00372D

 B4FFFF

 002319

 D2FFFF

 000000

 F0FFFF

 009C8D

 109C8F

 1F9C90

 2F9C92

 3E9C93

 4E9C95

 5E9C96

 6D9C98

 7D9C99

 8C9C9B

Harmonies

Analogous

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



50996B



009C8D



009BAE

Triad

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



009C8D



9281C2



B87E50

Complementary

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



009C8D



9C000F

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.



C87468



009C8D



B775A9

Square

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



009C8D



5C8DCD



C97089



9C8A47

Rectangle

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



009C8D



0098BF



C97089



BF7A57

Sweetspot

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



009C8D



8FCCC6



109C00



416662



E6E6E6



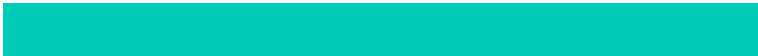
666666

Same Dimension

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



009C8D



00CCB8



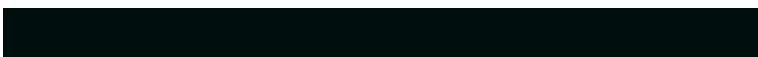
005E9C



474F4E



008F81



000F0E

Inverse Universe

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



9C000F



CC0014



9C3E00



4F4748



8F000E



0F0001

Previews

White Background



This preview shows how the Hex color 009C8D 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 009C8D looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

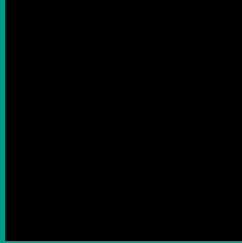
Any Text WCAG AA ✓ Pass

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 009C8D Background



This preview shows how black text looks on a background with the Hex color 009C8D.

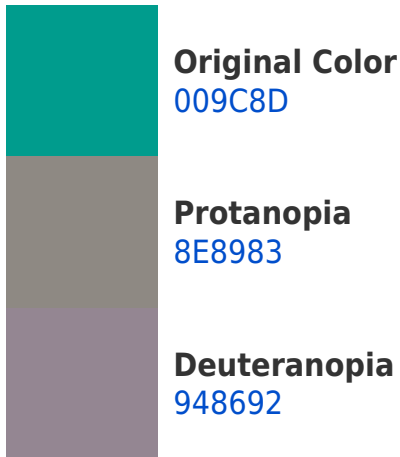


This preview shows how white text looks on a background with the Hex color 009C8D.

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
2799A5

Trichromacy



Original Color
009C8D



Protanomaly
5A9087



Deuteranomaly
5E8E90



Tritanomaly
199A9C

Monochromacy



Original Color
009C8D



Achromatopsia
6C6C6C



Achromatomaly
457D78

CSS Examples

Text

The CSS property to change the color of the text to Hex 009C8D 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 #009C8D looks like.

```
.text, #text, p{  
  color:#009C8D  
}
```

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 #009C8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #009C8D
}
```

Border

The CSS property to change the border of an element to Hex 009C8D 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
#009C8D }
```

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

```
.border{ border-color:#009C8D }
```

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

Here you see how a box with a 4 pixel #009C8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #009C8D; -webkit-box-shadow:4px 4px  
4px 4px #009C8D; box-shadow:4px 4px 4px  
4px #009C8D }
```

Background

The CSS property to change the background color of an element to Hex 009C8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#009C8D }
```

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

```
.background{ background-color:#009C8D }
```

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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