

Converting Colors

Hex(008D8F)

Have a look what the booklet for
Hex(008D8F) contains.

Hex(008D8F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(008D8F)

Conversions

Conversions Part 1

Format	Color
Hex	008D8F
RGB	0, 141, 143
RGB Percent	0%, 55%, 56%
CMY	1.0000, 0.4471, 0.4392
CMYK	1.00, 0.01, 0.00, 0.44
HSL	181°, 100%, 28%
HSV	181°, 100%, 56%
XYZ	14.4828, 21.0329, 29.2830
YIQ	99.0690, -84.6780, -29.2700

Conversions

Conversions Part 2

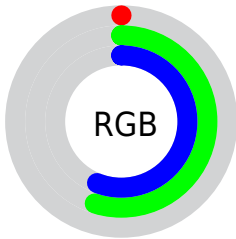
Format	Color
RYB	0, 71, 143
Decimal	36239
CIELab	52.99, -30.29, -10.16
CIELCh	53, 31.949, 198.535
Yxy	21.0329, 0.2235, 0.3246
Android (android.graphics.Color)	4278226319 (0xFF008D8F)
YUV	99.0690, 21.6580, -86.8835
Hunter-Lab	45.8617, -23.8888, -5.7540

Details

The Hex color **008D8F** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **8F0200**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **57C3C5**, and **005A5D** is the 20% darker color. If you saturate the color by 10%, you get **008D8F**, and if you desaturate by 10%, it is **0E8D8F**.

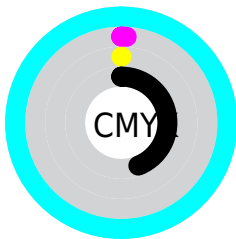
Distribution



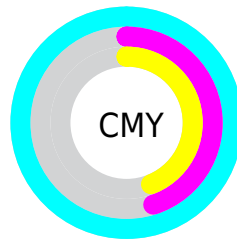
- Red (0%)
- Green (55%)
- Blue (56%)



- Red (0%)
- Yellow (28%)
- Blue (56%)



- Cyan (100%)
- Magenta (1%)
- Yellow (0%)
- Black (44%)



- Cyan (100%)
- Magenta (45%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008D8F 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 008D8F by changing the saturation by 10% instead.

 008D8F

 008D8F

FFFFFF

 007375

 57C3C5

 005A5D

 75DFE1

 004245

 92FCFD

 002B2F

 B0FFFF

 00131B

 CDFFFF

 000000

 EBFFFF

 008D8F

 0E8D8F

 1D8D8F

 2B8E8F


 398E8F

 488E8F

 568E8F

 648E8F

 728F8F

 818F8F

Harmonies

Analogous

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



3B8C73



008D8F



008AA7

Triad

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



008D8F



9771A3



9A7949

Complementary

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



008D8F



8F0200

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.



AC7056



008D8F



AD6A8A

Square

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



008D8F



727BB2



B4696E



7F8249

Rectangle

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



008D8F



2F87B1



B4696E



A1764C

Sweetspot

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



008D8F



82B9BA



008F00



3C5E5E



DEDEDE



5E5E5E

Same Dimension

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



008D8F



00B8BA



00488F



404747



008587



000808

Inverse Universe

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



8F008D



BA00B8



8F4800



474047



870085



080008

Previews

White Background



This preview shows how the Hex color 008D8F looks on a white background.

Color Contrast Check

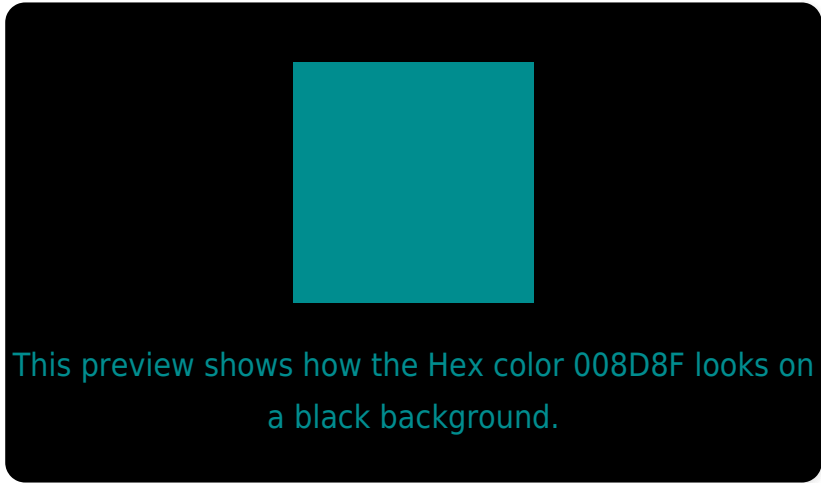
Large Text (above 18pt) WCAG AA ✓ Pass

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

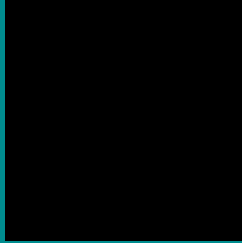
Any Text WCAG AA ✓ Pass

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 008D8F Background



This preview shows how black text looks on a background with the Hex color 008D8F.

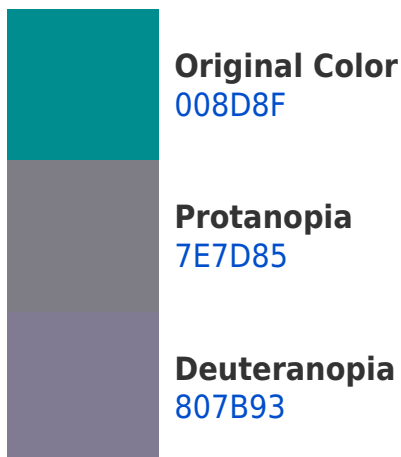


This preview shows how white text looks on a background with the Hex color 008D8F.

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
178C97

Trichromacy



Original Color
008D8F



Protanomaly
508389



Deuteranomaly
518292



Tritanomaly
0F8C94

Monochromacy



Original Color
008D8F



Achromatopsia
636363



Achromatomaly
3F7273

CSS Examples

Text

The CSS property to change the color of the text to Hex 008D8F 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 #008D8F looks like.

```
.text, #text, p{  
    color:#008D8F  
}
```

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 #008D8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008D8F
}
```

Border

The CSS property to change the border of an element to Hex 008D8F 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
#008D8F }
```

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

```
.border{ border-color:#008D8F }
```

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

Here you see how a box with a 4 pixel #008D8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008D8F; -webkit-box-shadow:4px 4px  
4px 4px #008D8F; box-shadow:4px 4px 4px  
4px #008D8F }
```

Background

The CSS property to change the background color of an element to Hex 008D8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008D8F }
```

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

```
.background{ background-color:#008D8F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor