

# Converting Colors

Hex(008A8A)

Have a look what the booklet for  
Hex(008A8A) contains.

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# Color

**Hex(008A8A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	008A8A
RGB	0, 138, 138
RGB Percent	0%, 54%, 54%
CMY	1.0000, 0.4588, 0.4588
CMYK	1.00, 0.00, 0.00, 0.46
HSL	180°, 100%, 27%
HSV	180°, 100%, 54%
XYZ	13.6759, 20.0119, 27.1866
YIQ	96.7380, -82.2480, -29.2560

# Conversions

## Conversions Part 2

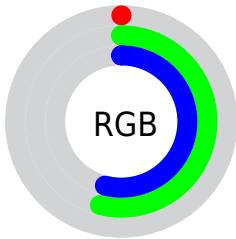
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 69, 138
Decimal	35466
CIELab	51.85, -30.46, -8.96
CIELCh	52, 31.744, 196.386
Yxy	20.0119, 0.2247, 0.3287
Android (android.graphics.Color)	4278225546 (0xFF008A8A)
YUV	96.7380, 20.3422, -84.8392
Hunter-Lab	44.7347, -23.7162, -4.7181

# Details

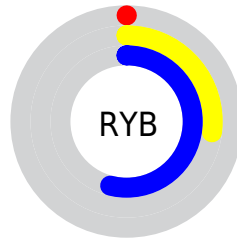
The Hex color **008A8A** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **8A0000**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **56C0BF**, and **005758** is the 20% darker color. If you saturate the color by 10%, you get **008A8A**, and if you desaturate by 10%, it is **0E8A8A**.

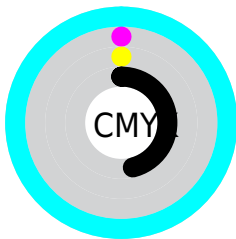
# Distribution



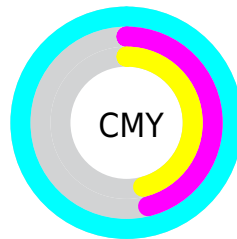
- Red (0%)
- Green (54%)
- Blue (54%)



- Red (0%)
- Yellow (27%)
- Blue (54%)



- Cyan (100%)
- Magenta (0%)
- Yellow (0%)
- Black (46%)



- Cyan (100%)
- Magenta (46%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 008A8A 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 008A8A by changing the saturation by 10% instead.



 008A8A

 008A8A


FFFFFF

 007071

 56C0BF

 005758

 74DCDB

 003F41

 91F9F8

 00292B

 AEFFFF

 000D17

 CBFFFF

 000000

 E9FFFF

 008A8A

 0E8A8A

 1C8A8A

 298A8A

 378A8A

 458A8A

 538A8A

 618A8A

 6E8A8A

 7C8A8A

# Harmonies

## Analogous

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



3B896E



008A8A



0088A2

# Triad

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



008A8A



916FA1



987647

# Complementary

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



008A8A



8A0000

# 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.



AA6C55



008A8A



A96889

# Square

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



008A8A



6C79B0



B0676E



7E7F46

# Rectangle

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



008A8A



2784AD



B0676E



9F724A



# Sweetspot

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



008A8A



7DB3B3



008A00



395959



D9D9D9



595959



# Same Dimension

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



008A8A



00B3B3



00458A



3E4545



008585



000505



# Inverse Universe

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



8A008A



B300B3



8A4500



453E45



850085



050005



# Previews

## White Background



This preview shows how the Hex color 008A8A 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 008A8A looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

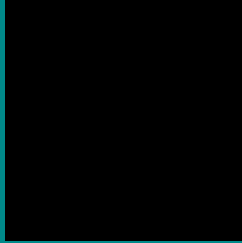
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 008A8A Background



This preview shows how black text looks on a background with the Hex color 008A8A.

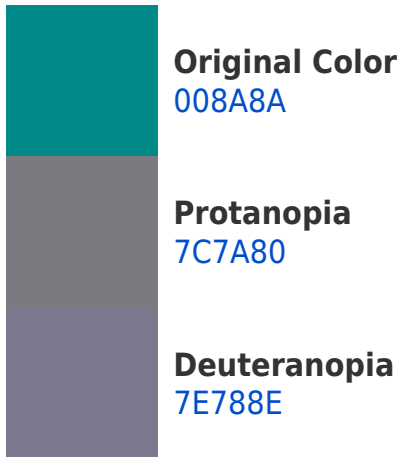


This preview shows how white text looks on a background with the Hex color 008A8A.

# 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**  
198994

# Trichromacy



**Original Color**  
008A8A



**Protanomaly**  
4F8084



**Deuteranomaly**  
507F8D



**Tritanomaly**  
108990

# Monochromacy



**Original Color**  
008A8A



**Achromatopsia**  
616161



**Achromatomaly**  
3E7070

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 008A8A 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 #008A8A looks like.

```
.text, #text, p{  
    color:#008A8A  
}
```

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 #008A8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008A8A
}
```

## Border

The CSS property to change the border of an element to Hex 008A8A 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
#008A8A }
```

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

```
.border{ border-color:#008A8A }
```

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

Here you see how a box with a 4 pixel #008A8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008A8A; -webkit-box-shadow:4px 4px  
4px 4px #008A8A; box-shadow:4px 4px 4px  
4px #008A8A }
```

# Background

The CSS property to change the background color of an element to Hex 008A8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008A8A }
```

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

```
.background{ background-color:#008A8A }
```

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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