

Converting Colors

Hex(008A8E)

Have a look what the booklet for
Hex(008A8E) contains.

Hex(008A8E)	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(008A8E)

Conversions

Conversions Part 1

Format	Color
Hex	008A8E
RGB	0, 138, 142
RGB Percent	0%, 54%, 56%
CMY	1.0000, 0.4588, 0.4431
CMYK	1.00, 0.03, 0.00, 0.44
HSL	182°, 100%, 28%
HSV	182°, 100%, 56%
XYZ	13.9710, 20.1300, 28.7403
YIQ	97.1940, -83.5320, -28.0120

Conversions

Conversions Part 2

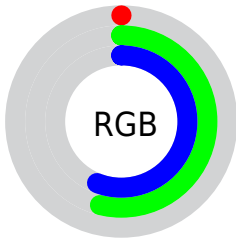
Format	Color
RYB	0, 70, 142
Decimal	35470
CIELab	51.98, -29.16, -11.08
CIELCh	52, 31.193, 200.808
Yxy	20.1300, 0.2223, 0.3203
Android (android.graphics.Color)	4278225550 (0xFF008A8E)
YUV	97.1940, 22.0894, -85.2391
Hunter-Lab	44.8664, -22.9331, -6.5732

Details

The Hex color **008A8E** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8E0400**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **56C0C4**, and **00575C** is the 20% darker color. If you saturate the color by 10%, you get **008A8E**, and if you desaturate by 10%, it is **0E8A8E**.

Distribution



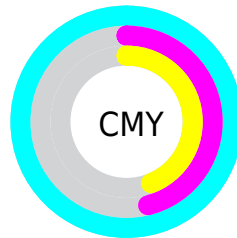
- Red (0%)
- Green (54%)
- Blue (56%)



- Red (0%)
- Yellow (27%)
- Blue (56%)



- Cyan (100%)
- Magenta (3%)
- Yellow (0%)
- Black (44%)



- Cyan (100%)
- Magenta (46%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008A8E 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 008A8E by changing the saturation by 10% instead.

 008A8E

 008A8E

FFFFFF

 007074

 56C0C4

 00575C

 74DCE0

 003F44

 92F9FC

 00292E

 AFFFFFF

 000E1A

 CCFFFF

 000000

 EAFFFF

 008A8E

 0E8A8E

 1C8B8E

 2B8B8E

 398C8E

 478C8E

 558C8E

 638D8E

 728D8E

 808E8E

Harmonies

Analogous

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



388A73



008A8E



0687A5

Triad

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



008A8E



966E9E



957847

Complementary

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



008A8E



8E0400

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.



A86E54



008A8E



AA6885

Square

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



008A8E



7378AE



B0686A



7B8049

Rectangle

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



008A8E



3383AE



B0686A



9C744A

Sweetspot

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



008A8E



81B6B8



008E02



3B5B5C



DBDBDB



5C5C5C

Same Dimension

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



008A8E



00B2B8



00458E



404747



008387



000708

Inverse Universe

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



8E008A



B800B2



8E4900



474047



870083



080007

Previews

White Background



This preview shows how the Hex color 008A8E looks on a white background.

Color Contrast Check

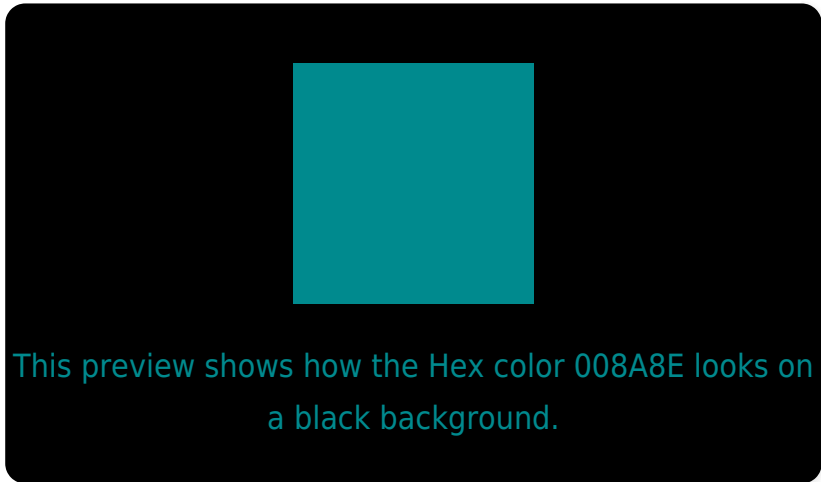
Large Text (above 18pt) WCAG AA ✓ Pass

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

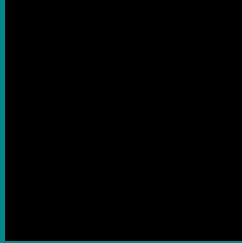
Any Text WCAG AA ✓ Pass

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 008A8E Background



This preview shows how black text looks on a background with the Hex color 008A8E.

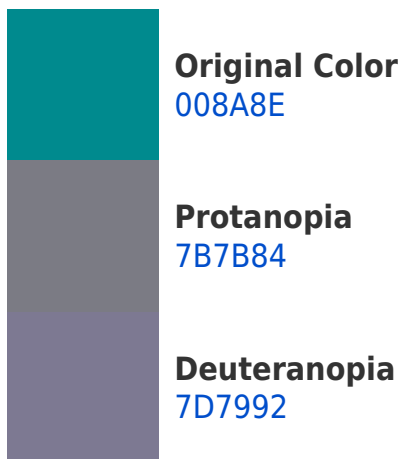


This preview shows how white text looks on a background with the Hex color 008A8E.

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
158994

Trichromacy



Original Color
008A8E



Protanomaly
4E8088



Deuteranomaly
507F91



Tritanomaly
0D8992

Monochromacy



Original Color
008A8E



Achromatopsia
616161



Achromatomaly
3E7071

CSS Examples

Text

The CSS property to change the color of the text to Hex 008A8E 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 #008A8E looks like.

```
.text, #text, p{  
    color:#008A8E  
}
```

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 #008A8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008A8E
}
```

Border

The CSS property to change the border of an element to Hex 008A8E 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
#008A8E }
```

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

```
.border{ border-color:#008A8E }
```

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

Here you see how a box with a 4 pixel #008A8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008A8E; -webkit-box-shadow:4px 4px  
4px 4px #008A8E; box-shadow:4px 4px 4px  
4px #008A8E }
```

Background

The CSS property to change the background color of an element to Hex 008A8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008A8E }
```

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

```
.background{ background-color:#008A8E }
```

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