

Converting Colors

Hex(008E9E)

Have a look what the booklet for
Hex(008E9E) contains.

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Color

Hex(008E9E)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 008E9E |
| RGB | 0, 142, 158 |
| RGB Percent | 0%, 56%, 62% |
| CMY | 1.0000, 0.4431, 0.3804 |
| CMYK | 1.00, 0.10, 0.00, 0.38 |
| HSL | 186°, 100%, 31% |
| HSV | 186°, 100%, 62% |
| XYZ | 15.8446, 21.8146, 35.7233 |
| YIQ | 101.3660, -89.7680, -25.1280 |

Conversions

Conversions Part 2

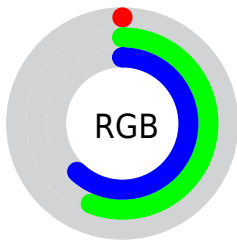
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 0, 75, 158 |
| Decimal | 36510 |
| CIELab | 53.83, -25.81, -17.55 |
| CIELCh | 54, 31.209, 214.207 |
| Yxy | 21.8146, 0.2159, 0.2973 |
| Android (android.graphics.Color) | 4278226590 (0xFF008E9E) |
| YUV | 101.3660, 27.9206, -88.8980 |
| Hunter-Lab | 46.7061, -21.1815, -12.6538 |

Details

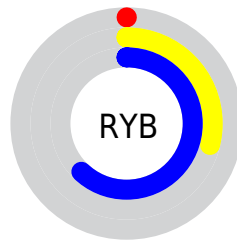
The Hex color **008E9E** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9E1000**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **5AC4D5**, and **005B6B** is the 20% darker color. If you saturate the color by 10%, you get **008E9E**, and if you desaturate by 10%, it is **10909E**.

Distribution



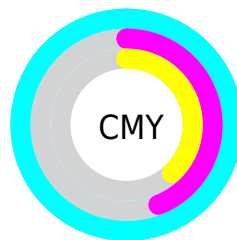
- Red (0%)
- Green (56%)
- Blue (62%)



- Red (0%)
- Yellow (29%)
- Blue (62%)



- Cyan (100%)
- Magenta (10%)
- Yellow (0%)
- Black (38%)



- Cyan (100%)
- Magenta (44%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008E9E 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 008E9E by changing the saturation by 10% instead.

 008E9E

 008E9E

FFFFFF

 007484

 5AC4D5

 005B6B

 78E0F1

 004352

 96FDFF

 002D3B

 B3FFFF

 001726

 D1FFFF

 000110

 EFFFFFFF

 000000

 008E9E

 10909E

 20919E

 2F939E

 3F949E

 4F969E

 5F989E

 6F999E

 7E9B9E

 8E9C9E

Harmonies

Analogous

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



2A8F84



008E9E



2E8AB0

Triad

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



008E9E



A66F99



8F804A

Complementary

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



008E9E



9E1000

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.



A57751



008E9E



B46C7E

Square

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



008E9E



8978AD



B36F64



728853

Rectangle

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



008E9E



5085B6



B36F64



977D4B

Sweetspot

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



008E9E



91C8CF



009E10



436569



E8E8E8



696969

Same Dimension

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



008E9E



00BACF



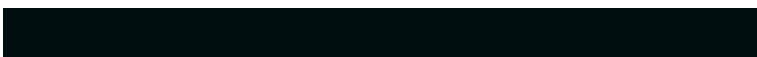
003F9E



474E4F



00808F



000E0F

Inverse Universe

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



9E008E



CF00BA



9E5F00



4F474E



8F0080



0F000E

Previews

White Background



This preview shows how the Hex color 008E9E looks on a white background.

Color Contrast Check

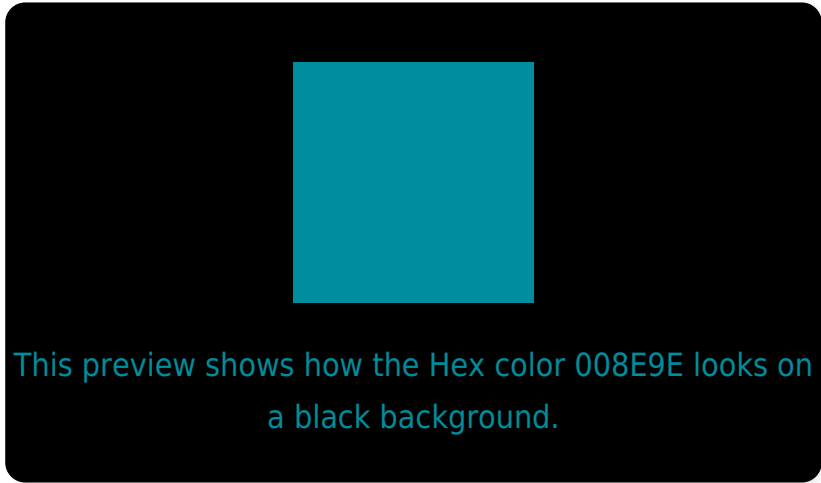
Large Text (above 18pt) WCAG AA ✓ Pass

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

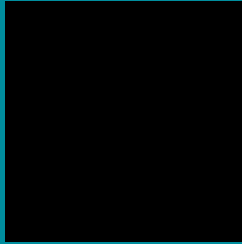
Any Text WCAG AA ✓ Pass

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 008E9E Background



This preview shows how black text looks on a background with the Hex color 008E9E.

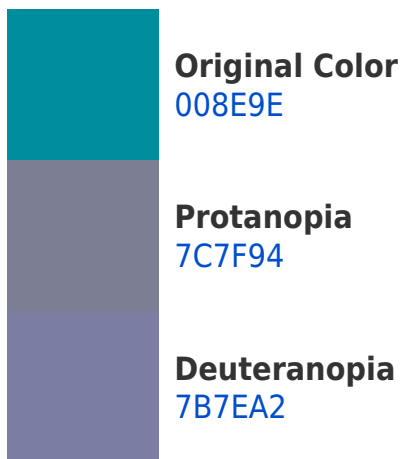


This preview shows how white text looks on a background with the Hex color 008E9E.

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



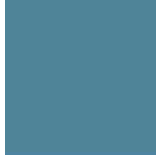


Tritanopia
008E9A

Trichromacy



Original Color
008E9E



Protanomaly
4F8498



Deuteranomaly
4E84A1



Tritanomaly
008E9B

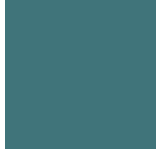
Monochromacy



Original Color
008E9E



Achromatopsia
656565



Achromatomaly
40747A

CSS Examples

Text

The CSS property to change the color of the text to Hex 008E9E 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 #008E9E looks like.

```
.text, #text, p{  
    color:#008E9E  
}
```

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 #008E9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008E9E
}
```

Border

The CSS property to change the border of an element to Hex 008E9E 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
#008E9E }
```

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

```
.border{ border-color:#008E9E }
```

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

Here you see how a box with a 4 pixel #008E9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008E9E; -webkit-box-shadow:4px 4px  
4px 4px #008E9E; box-shadow:4px 4px 4px  
4px #008E9E }
```

Background

The CSS property to change the background color of an element to Hex 008E9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008E9E }
```

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

```
.background{ background-color:#008E9E }
```

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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