

Converting Colors

Hex(008E7E)

Have a look what the booklet for
Hex(008E7E) contains.

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Color

Hex(008E7E)

Conversions

Conversions Part 1

Format	Color
Hex	008E7E
RGB	0, 142, 126
RGB Percent	0%, 56%, 49%
CMY	1.0000, 0.4431, 0.5059
CMYK	1.00, 0.00, 0.11, 0.44
HSL	173°, 100%, 28%
HSV	173°, 100%, 56%
XYZ	13.4389, 20.8524, 23.0553
YIQ	97.7180, -79.4960, -35.0800

Conversions

Conversions Part 2

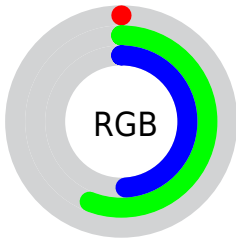
Format	Color
RYB	0, 75, 142
Decimal	36478
CIELab	52.79, -36.02, -0.61
CIELCh	53, 36.021, 180.966
Yxy	20.8524, 0.2343, 0.3636
Android (android.graphics.Color)	4278226558 (0xFF008E7E)
YUV	97.7180, 13.9430, -85.6987
Hunter-Lab	45.6644, -27.3806, 2.0304

Details

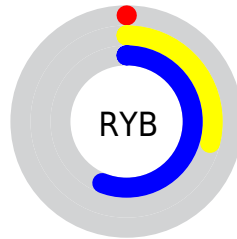
The Hex color **008E7E** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **8E0010**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **55C4B3**, and **005B4D** is the 20% darker color. If you saturate the color by 10%, you get **008E7E**, and if you desaturate by 10%, it is **0E8E80**.

Distribution



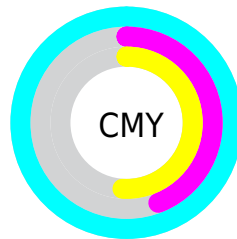
- Red (0%)
- Green (56%)
- Blue (49%)



- Red (0%)
- Yellow (29%)
- Blue (56%)



- Cyan (100%)
- Magenta (0%)
- Yellow (11%)
- Black (44%)




- Cyan (100%)
- Magenta (44%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 008E7E 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 008E7E by changing the saturation by 10% instead.

 008E7E

 008E7E

FFFFFF

 007465

 55C4B3

 005B4D

 73E1CE

 004236

 90FEEA

 002C21

 ADFFFF

 00120B

 CBFFFF

 000000

 E8FFFF

 008E7E

 0E8E80

 1C8E81

 2B8E83

 398E84

 478E86

 558E88

 638E89

 728E8B

 808E8C

Harmonies

Analogous

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



4A8B5F



008E7E



008D9D

Triad

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



008E7E



8276B3



A97248

Complementary

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



008E7E



8E0010

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.



B76860



008E7E



A56A9D

Square

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



008E7E



4D81BC



B7657E



907D3F

Rectangle

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



008E7E



008BAD



B7657E



AF6E4F

Sweetspot

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



008E7E



81B8B1



118E00



3B5C58



DBDBDB



5C5C5C

Same Dimension

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



008E7E



00B8A3



00588E



404747



008778



000807

Inverse Universe

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



8E0010



B80015



8E3600



474041



87000F



080001

Previews

White Background



This preview shows how the Hex color 008E7E looks on a white background.

Color Contrast Check

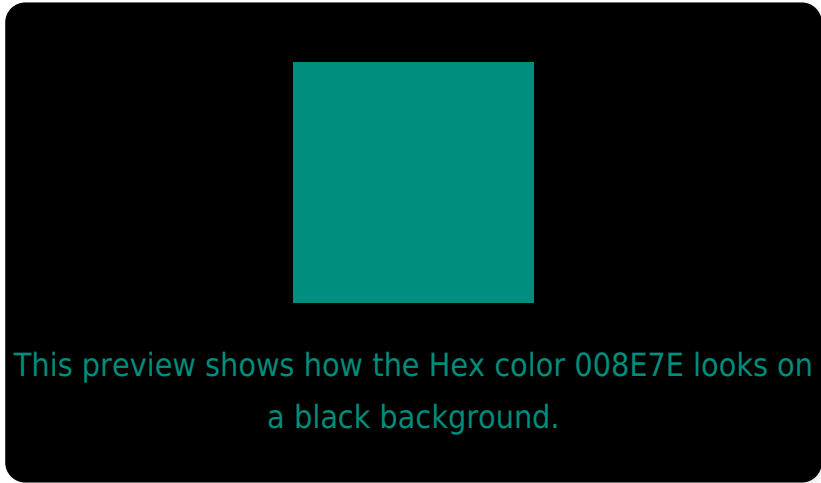
Large Text (above 18pt) WCAG AA ✓ Pass

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

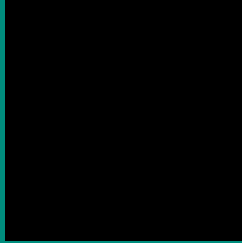
Any Text WCAG AA ✓ Pass

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 008E7E Background



This preview shows how black text looks on a background with the Hex color 008E7E.

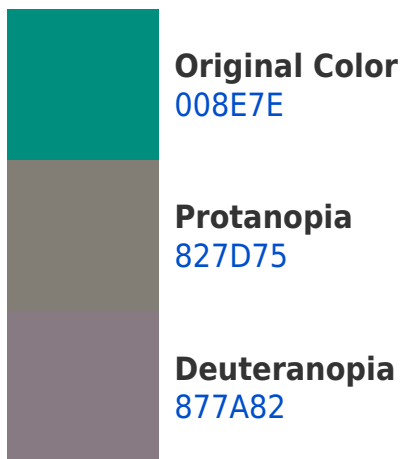


This preview shows how white text looks on a background with the Hex color 008E7E.

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
258B96

Trichromacy



Original Color
008E7E



Protanomaly
538378



Deuteranomaly
568181



Tritanomaly
188C8D

Monochromacy



Original Color
008E7E



Achromatopsia
626262



Achromatomaly
3E726C

CSS Examples

Text

The CSS property to change the color of the text to Hex 008E7E 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 #008E7E looks like.

```
.text, #text, p{  
    color:#008E7E  
}
```

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 #008E7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008E7E
}
```

Border

The CSS property to change the border of an element to Hex 008E7E 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
#008E7E }
```

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

```
.border{ border-color:#008E7E }
```

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

Here you see how a box with a 4 pixel #008E7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008E7E; -webkit-box-shadow:4px 4px  
4px 4px #008E7E; box-shadow:4px 4px 4px  
4px #008E7E }
```

Background

The CSS property to change the background color of an element to Hex 008E7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008E7E }
```

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

```
.background{ background-color:#008E7E }
```

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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