

Converting Colors

Hex(008E7D)

Have a look what the booklet for
Hex(008E7D) contains.

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Color

Hex(008E7D)

Conversions

Conversions Part 1

Format	Color
Hex	008E7D
RGB	0, 142, 125
RGB Percent	0%, 56%, 49%
CMY	1.0000, 0.4431, 0.5098
CMYK	1.00, 0.00, 0.12, 0.44
HSL	173°, 100%, 28%
HSV	173°, 100%, 56%
XYZ	13.3747, 20.8267, 22.7171
YIQ	97.6040, -79.1750, -35.3910

Conversions

Conversions Part 2

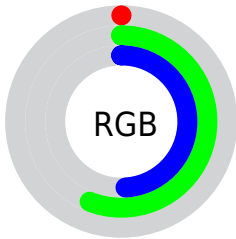
Format	Color
RYB	0, 76, 142
Decimal	36477
CIELab	52.76, -36.31, -0.07
CIElCh	53, 36.309, 180.111
Yxy	20.8267, 0.2350, 0.3659
Android (android.graphics.Color)	4278226557 (0xFF008E7D)
YUV	97.6040, 13.5062, -85.5987
Hunter-Lab	45.6362, -27.5502, 2.4317

Details

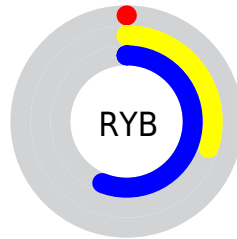
The Hex color **008E7D** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **8E0011**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **55C4B2**, and **005B4C** is the 20% darker color. If you saturate the color by 10%, you get **008E7D**, and if you desaturate by 10%, it is **0E8E7F**.

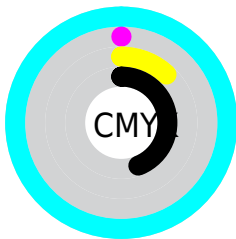
Distribution



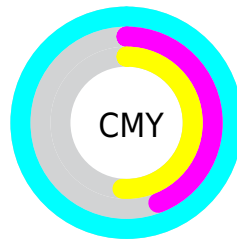
- Red (0%)
- Green (56%)
- Blue (49%)



- Red (0%)
- Yellow (30%)
- Blue (56%)



- Cyan (100%)
- Magenta (0%)
- Yellow (12%)
- Black (44%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 008E7D 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 008E7D by changing the saturation by 10% instead.

 008E7D

 008E7D

FFFFFF

 007464

 55C4B2

 005B4C

 73E1CD

 004236

 90FEE9

 002C20

 ADFFFF

 00120A

 CAFFFF

 000000

 E8FFFF

 008E7D

 0E8E7F

 1C8E80

 2B8E82

 398E84

 478E85

 558E87

 638E89

 728E8B

 808E8C

Harmonies

Analogous

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



4A8B5E



008E7D



008D9C

Triad

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



008E7D



8176B4



AA7148

Complementary

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



008E7D



8E0011

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.



B86760



008E7D



A56A9D

Square

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



008E7D



4B81BC



B7657F



917C3E

Rectangle

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



008E7D



008BAD



B7657F



B06D4F

Sweetspot

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



008E7D



81B8B1



138E00



3B5C58



DBDBDB



5C5C5C

Same Dimension

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



008E7D



00B8A2



005A8E



404747



008777



000807

Inverse Universe

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



8E0011



B80016



8E3400



474041



870010



080001

Previews

White Background



This preview shows how the Hex color 008E7D looks on a white background.

Color Contrast Check

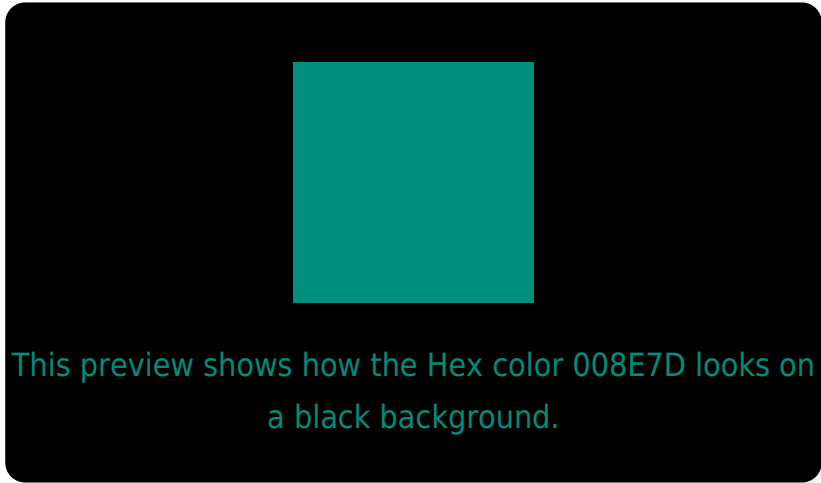
Large Text (above 18pt) WCAG AA ✓ Pass

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

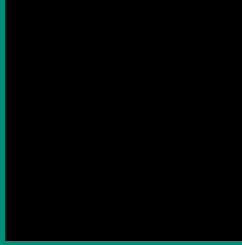
Any Text WCAG AA ✓ Pass

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 008E7D Background



This preview shows how black text looks on a background with the Hex color 008E7D.

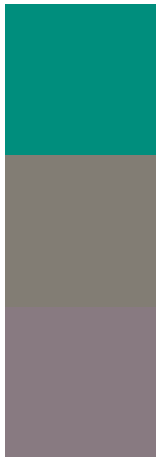


This preview shows how white text looks on a background with the Hex color 008E7D.

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



Original Color
008E7D

Protanopia
827D74

Deuteranopia
887A81



Tritanopia
268A96

Trichromacy



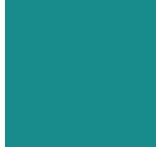
Original Color
008E7D



Protanomaly
538377



Deuteranomaly
578180



Tritanomaly
188B8D

Monochromacy



Original Color
008E7D



Achromatopsia
626262



Achromatomaly
3E726C

CSS Examples

Text

The CSS property to change the color of the text to Hex 008E7D 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 #008E7D looks like.

```
.text, #text, p{  
    color:#008E7D  
}
```

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 #008E7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008E7D
}
```

Border

The CSS property to change the border of an element to Hex 008E7D 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
#008E7D }
```

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

```
.border{ border-color:#008E7D }
```

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

Here you see how a box with a 4 pixel #008E7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008E7D; -webkit-box-shadow:4px 4px  
4px 4px #008E7D; box-shadow:4px 4px 4px  
4px #008E7D }
```

Background

The CSS property to change the background color of an element to Hex 008E7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008E7D }
```

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

```
.background{ background-color:#008E7D }
```

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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