

# Converting Colors

Hex(008E79)

Have a look what the booklet for  
Hex(008E79) contains.

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**Color**

**Hex(008E79)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	008E79
RGB	0, 142, 121
RGB Percent	0%, 56%, 47%
CMY	1.0000, 0.4431, 0.5255
CMYK	1.00, 0.00, 0.15, 0.44
HSL	171°, 100%, 28%
HSV	171°, 100%, 56%
XYZ	13.1242, 20.7265, 21.3981
YIQ	97.1480, -77.8910, -36.6350

# Conversions

## Conversions Part 2

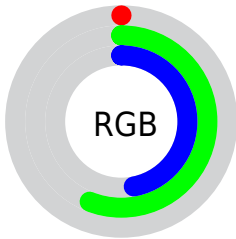
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 77, 142
Decimal	36473
CIELab	52.65, -37.47, 2.08
CIELCh	53, 37.525, 176.821
Yxy	20.7265, 0.2375, 0.3751
Android (android.graphics.Color)	4278226553 (0xFF008E79)
YUV	97.1480, 11.7590, -85.1988
Hunter-Lab	45.5263, -28.2137, 4.0013

# Details

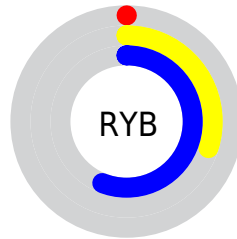
The Hex color **008E79** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **8E0015**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **55C4AD**, and **005B49** is the 20% darker color. If you saturate the color by 10%, you get **008E79**, and if you desaturate by 10%, it is **0E8E7B**.

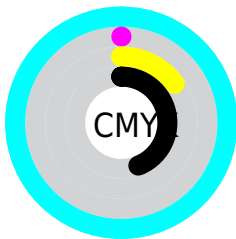
# Distribution



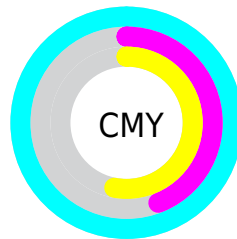
- Red (0%)
- Green (56%)
- Blue (47%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (15%)
- Black (44%)



- Cyan (100%)
- Magenta (44%)
- Yellow (53%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 008E79 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 008E79 by changing the saturation by 10% instead.



 008E79

 008E79

FFFFFF

 007460

 55C4AD

 005B49

 72E1C9

 004232

 8FFEE5

 002C1D

 ACFFFF

 001104

 CAFFFF

 000000

 E8FFFF

 008E79

 0E8E7B

 1C8E7D

 2B8E7F

 398E81

 478E84

 558E86

 638E88

 728E8A

 808E8C

# Harmonies

## Analogous

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



4D8B59



008E79



008E9A

# Triad

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



008E79



7B77B7



AD6F49

# Complementary

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



008E79



8E0015

# 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.



BA6562



008E79



A26BA1

# Square

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



008E79



3F82BE



B76382



947B3C

# Rectangle

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



008E79



008CAC



B76382



B36B50



# Sweetspot

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



008E79



81B8AF



158E00



3B5C57



DBDBDB



5C5C5C



# Same Dimension

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



008E79



00B89C



005C8E



404746



008773



000807



# Inverse Universe

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



8E0015



B8001B



8E3200



474041



870014



080001



# Previews

## White Background



This preview shows how the Hex color 008E79 looks on a white background.

## Color Contrast Check

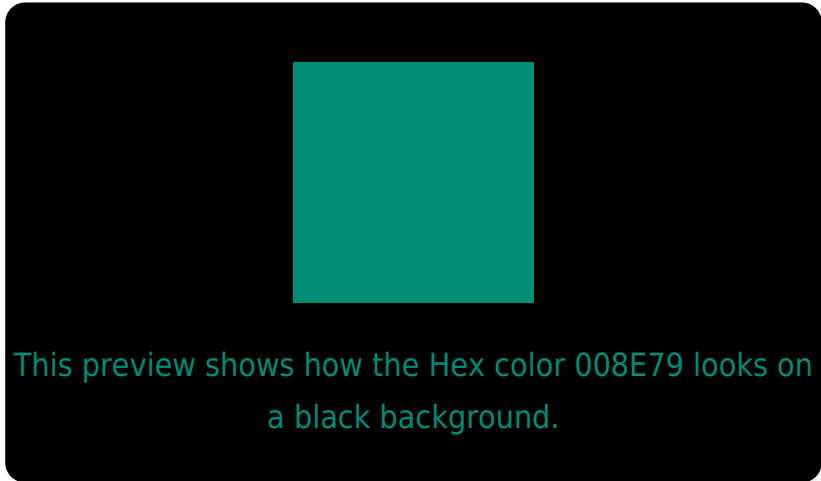
Large Text (above 18pt) WCAG AA ✓ Pass

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 008E79 Background



This preview shows how black text looks on a background with the Hex color 008E79.

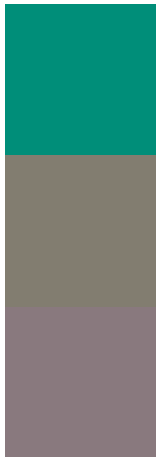


This preview shows how white text looks on a background with the Hex color 008E79.

# 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**  
008E79

**Protanopia**  
827D70

**Deuteranopia**  
89797E



**Tritanopia**  
288A95

# Trichromacy



**Original Color**  
008E79



**Protanomaly**  
538373



**Deuteranomaly**  
57817C



**Tritanomaly**  
198B8B

# Monochromacy



**Original Color**  
008E79



**Achromatopsia**  
616161



**Achromatomaly**  
3E716A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 008E79 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 #008E79 looks like.

```
.text, #text, p{  
    color:#008E79  
}
```

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 #008E79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #008E79
}
```

## Border

The CSS property to change the border of an element to Hex 008E79 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
#008E79 }
```

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

```
.border{ border-color:#008E79 }
```

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

Here you see how a box with a 4 pixel #008E79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #008E79; -webkit-box-shadow:4px 4px  
4px 4px #008E79; box-shadow:4px 4px 4px  
4px #008E79 }
```

# Background

The CSS property to change the background color of an element to Hex 008E79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#008E79 }
```

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

```
.background{ background-color:#008E79 }
```

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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