

Converting Colors

Hex(00867E)

Have a look what the booklet for
Hex(00867E) contains.

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Color

Hex(00867E)

Conversions

Conversions Part 1

Format	Color
Hex	00867E
RGB	0, 134, 126
RGB Percent	0%, 53%, 49%
CMY	1.0000, 0.4745, 0.5059
CMYK	1.00, 0.00, 0.06, 0.47
HSL	176°, 100%, 26%
HSV	176°, 100%, 53%
XYZ	12.2910, 18.5566, 22.6726
YIQ	93.0220, -77.2960, -30.8960

Conversions

Conversions Part 2

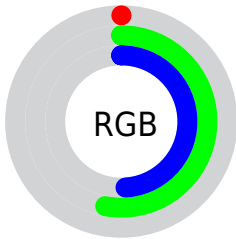
Format	Color
RYB	0, 69, 134
Decimal	34430
CIELab	50.16, -32.35, -4.47
CIELCh	50, 32.654, 187.863
Yxy	18.5566, 0.2297, 0.3467
Android (android.graphics.Color)	4278224510 (0xFF00867E)
YUV	93.0220, 16.2582, -81.5803
Hunter-Lab	43.0773, -24.4550, -1.0516

Details

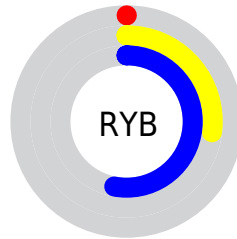
The Hex color **00867E** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **860008**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **53BCB3**, and **00534D** is the 20% darker color. If you saturate the color by 10%, you get **00867E**, and if you desaturate by 10%, it is **0D867F**.

Distribution



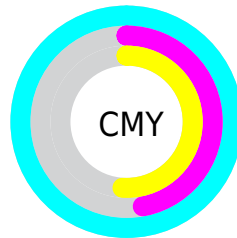
- Red (0%)
- Green (53%)
- Blue (49%)



- Red (0%)
- Yellow (27%)
- Blue (53%)



- Cyan (100%)
- Magenta (0%)
- Yellow (6%)
- Black (47%)



- Cyan (100%)
- Magenta (47%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00867E 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 00867E by changing the saturation by 10% instead.

 00867E

 00867E

FFFFFF

 006C65

 53BCB3

 00534D

 71D8CE

 003C36

 8EF4EA

 002621

 ABFFFF

 00020B

 C8FFFF

 000000

 E5FFFF

 00867E

 0D867F

 1B8680

 288680

 368681

 438682

 508683

 5E8684

 6B8684

 798685

Harmonies

Analogous

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



408461



00867E



008599

Triad

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



00867E



846DA3



9A6E44

Complementary

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



00867E



860008

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.



A96557



00867E



A0648D

Square

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



00867E



5978AE



AC6171



82783F

Rectangle

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



00867E



0082A6



AC6171



A06B49

Sweetspot

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



00867E



79ADAA



098600



375755



D6D6D6



575757

Same Dimension

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



00867E



00ADA3



004C86



3C4242



00827A



000302

Inverse Universe

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



860008



AD000A



863A00



423C3C



820008



030000

Previews

White Background



This preview shows how the Hex color 00867E looks on a white background.

Color Contrast Check

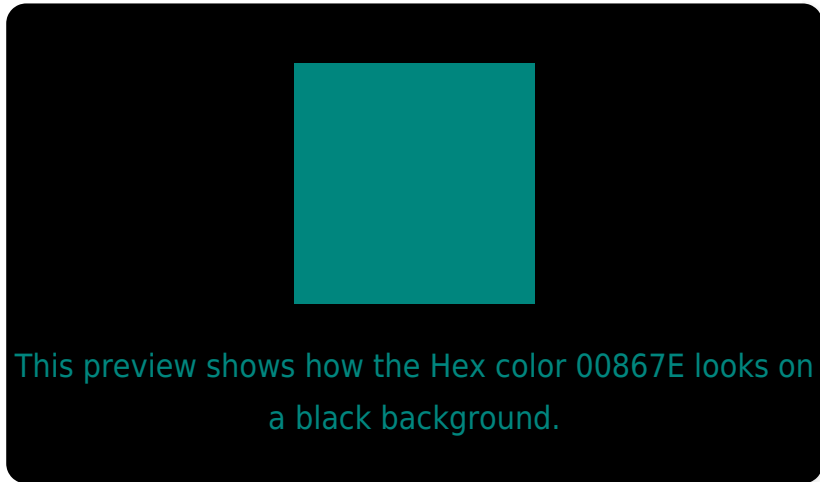
Large Text (above 18pt) WCAG AA ✓ Pass

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 00867E Background



This preview shows how black text looks on a background with the Hex color 00867E.

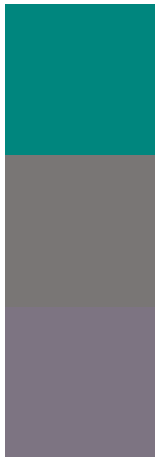


This preview shows how white text looks on a background with the Hex color 00867E.

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
00867E

Protanopia
797675

Deuteranopia
7D7482



Tritanopia
1F848E

Trichromacy



Original Color
00867E



Protanomaly
4D7C78



Deuteranomaly
507B81



Tritanomaly
148588

Monochromacy



Original Color
00867E



Achromatopsia
5D5D5D



Achromatomaly
3B6C69

CSS Examples

Text

The CSS property to change the color of the text to Hex 00867E 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 #00867E looks like.

```
.text, #text, p{  
    color:#00867E  
}
```

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 #00867E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00867E
}
```

Border

The CSS property to change the border of an element to Hex 00867E 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
#00867E }
```

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

```
.border{ border-color:#00867E }
```

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

Here you see how a box with a 4 pixel #00867E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00867E; -webkit-box-shadow:4px 4px  
4px 4px #00867E; box-shadow:4px 4px 4px  
4px #00867E }
```

Background

The CSS property to change the background color of an element to Hex 00867E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00867E }
```

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

```
.background{ background-color:#00867E }
```

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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