

Converting Colors

Hex(00967E)

Have a look what the booklet for
Hex(00967E) contains.

Hex(00967E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(00967E)

Conversions

Conversions Part 1

Format	Color
Hex	00967E
RGB	0, 150, 126
RGB Percent	0%, 59%, 49%
CMY	1.0000, 0.4118, 0.5059
CMYK	1.00, 0.00, 0.16, 0.41
HSL	170°, 100%, 29%
HSV	170°, 100%, 59%
XYZ	14.6722, 23.3191, 23.4664
YIQ	102.4140, -81.6960, -39.2640

Conversions

Conversions Part 2

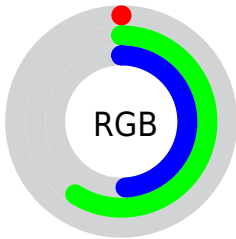
Format	Color
RYB	0, 82, 150
Decimal	38526
CIELab	55.40, -39.54, 3.19
CIElCh	55, 39.666, 175.385
Yxy	23.3191, 0.2387, 0.3794
Android (android.graphics.Color)	4278228606 (0xFF00967E)
YUV	102.4140, 11.6279, -89.8171
Hunter-Lab	48.2898, -30.2722, 4.9909

Details

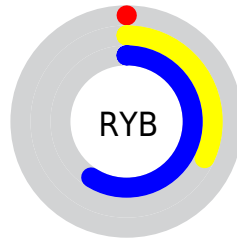
The Hex color **00967E** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **960018**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **57CDB3**, and **00624D** is the 20% darker color. If you saturate the color by 10%, you get **00967E**, and if you desaturate by 10%, it is **0F9680**.

Distribution



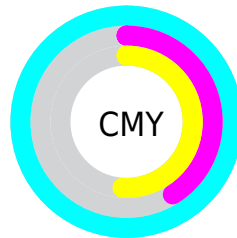
- Red (0%)
- Green (59%)
- Blue (49%)



- Red (0%)
- Yellow (32%)
- Blue (59%)



- Cyan (100%)
- Magenta (0%)
- Yellow (16%)
- Black (41%)



- Cyan (100%)
- Magenta (41%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 00967E 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 00967E by changing the saturation by 10% instead.

 00967E

 00967E

FFFFFF

 007C65

 57CDB3

 00624D

 75E9CE

 004936

 92FFEA

 003221

 B0FFFF

 001C0B

 CDFFFF

 000000

 EBFFFF

 00967E

 0F9680

 1E9683

 2D9685

 3C9688

 4B968A

 5A968C

 69968F

 789691

 879694

Harmonies

Analogous

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



53935C



00967E



0096A1

Triad

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



00967E



7F7EC3



B8744D

Complementary

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



00967E



960018

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.



C56A69



00967E



AA71AC

Square

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



00967E



3C8AC9



C2698B



9E813F

Rectangle

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



00967E



0094B5



C2698B



BE7155

Sweetspot

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



00967E



88C2B8



199600



3E615B



E0E0E0



616161

Same Dimension

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



00967E



00C2A3



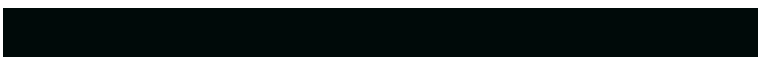
006496



434A49



008A74



000A09

Inverse Universe

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



960018



C2001F



963200



4A4344



8A0016



0A0002

Previews

White Background



This preview shows how the Hex color 00967E looks on a white background.

Color Contrast Check

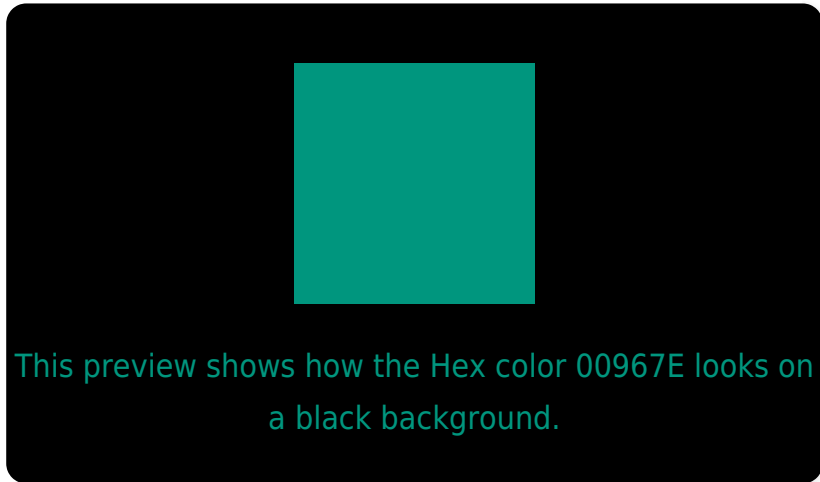
Large Text (above 18pt) WCAG AA ✓ Pass

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

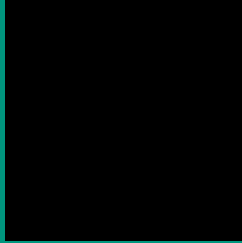
Any Text WCAG AA ✓ Pass

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 00967E Background



This preview shows how black text looks on a background with the Hex color 00967E.

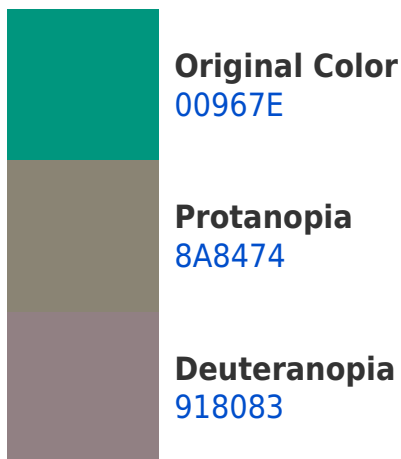


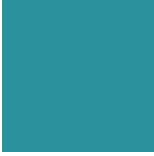
This preview shows how white text looks on a background with the Hex color 00967E.

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
2B929D

Trichromacy



Original Color
00967E



Protanomaly
588B78



Deuteranomaly
5C8881



Tritanomaly
1B9392

Monochromacy



Original Color
00967E



Achromatopsia
666666



Achromatomaly
41776F

CSS Examples

Text

The CSS property to change the color of the text to Hex 00967E 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 #00967E looks like.

```
.text, #text, p{  
    color:#00967E  
}
```

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 #00967E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00967E
}
```

Border

The CSS property to change the border of an element to Hex 00967E 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
#00967E }
```

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

```
.border{ border-color:#00967E }
```

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

Here you see how a box with a 4 pixel #00967E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00967E; -webkit-box-shadow:4px 4px  
4px 4px #00967E; box-shadow:4px 4px 4px  
4px #00967E }
```

Background

The CSS property to change the background color of an element to Hex 00967E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00967E }
```

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

```
.background{ background-color:#00967E }
```

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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