

# Converting Colors

Hex(00927E)

Have a look what the booklet for  
Hex(00927E) contains.

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# Color

**Hex(00927E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	00927E
RGB	0, 146, 126
RGB Percent	0%, 57%, 49%
CMY	1.0000, 0.4275, 0.5059
CMYK	1.00, 0.00, 0.14, 0.43
HSL	172°, 100%, 29%
HSV	172°, 100%, 57%
XYZ	14.0448, 22.0641, 23.2572
YIQ	100.0660, -80.5960, -37.1720

# Conversions

## Conversions Part 2

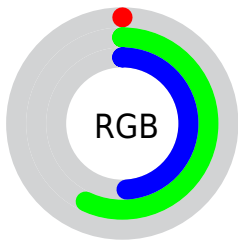
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 78, 146
Decimal	37502
CIELab	54.09, -37.79, 1.30
CIELCh	54, 37.816, 178.030
Yxy	22.0641, 0.2366, 0.3717
Android (android.graphics.Color)	4278227582 (0xFF00927E)
YUV	100.0660, 12.7855, -87.7579
Hunter-Lab	46.9725, -28.8303, 3.5248

# Details

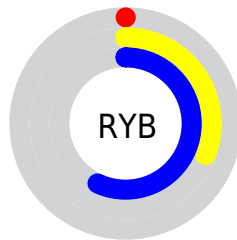
The Hex color **00927E** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **920014**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **56C9B3**, and **005E4D** is the 20% darker color. If you saturate the color by 10%, you get **00927E**, and if you desaturate by 10%, it is **0F9280**.

# Distribution



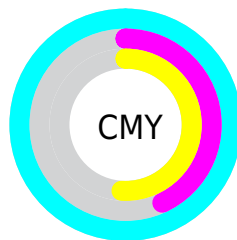
- Red (0%)
- Green (57%)
- Blue (49%)



- Red (0%)
- Yellow (31%)
- Blue (57%)



- Cyan (100%)
- Magenta (0%)
- Yellow (14%)
- Black (43%)



- Cyan (100%)
- Magenta (43%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 00927E 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 00927E by changing the saturation by 10% instead.



 00927E

 00927E

FFFFFF

 007865

 56C9B3

 005E4D

 74E5CE

 004636

 91FFEA

 002F21

 AEFFFF

 00170B

 CCFFFF

 000000

 EAFFFF

 00927E

 0F9280

 1D9282

 2C9284

 3A9286

 499288

 58928A

 66928C

 75928E

 839290

# Harmonies

## Analogous

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



4E8F5E



00927E



00929F

# Triad

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



00927E



817ABB



B1734B

# Complementary

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



00927E



920014

# 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.



BE6964



00927E



A86EA4

# Square

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



00927E



4685C2



BC6785



977F3F

# Rectangle

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



00927E



008FB1



BC6785



B76F52



# Sweetspot

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



00927E



84BDB5



169200



3C5E5A



DEDEDE



5E5E5E



# Same Dimension

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



00927E



00BDA3



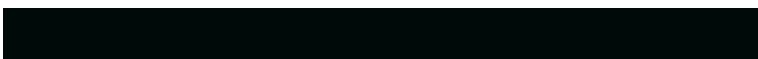
005F92



434A49



008A77



000A09



# Inverse Universe

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



920014



BD001A



923300



4A4344



8A0013



0A0001



# Previews

## White Background



This preview shows how the Hex color 00927E looks on a white background.

## Color Contrast Check

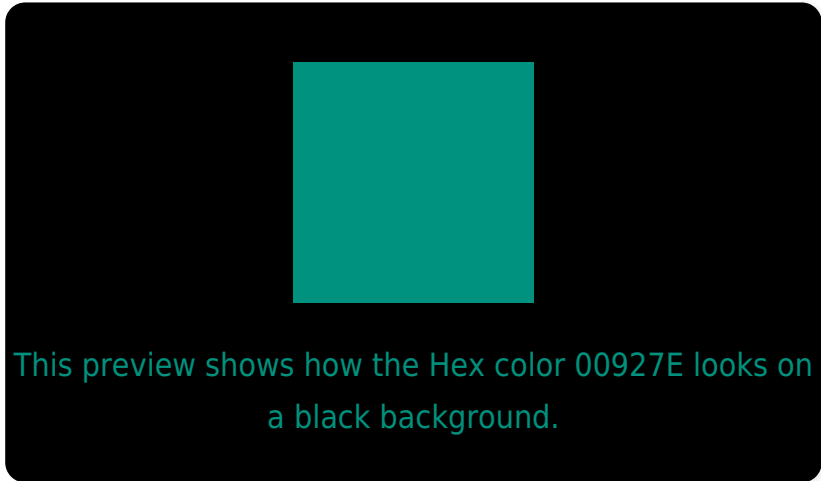
Large Text (above 18pt) WCAG AA ✓ Pass

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

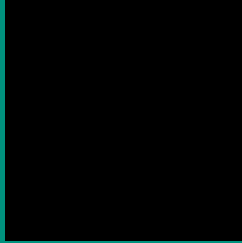
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 00927E Background



This preview shows how black text looks on a background with the Hex color 00927E.

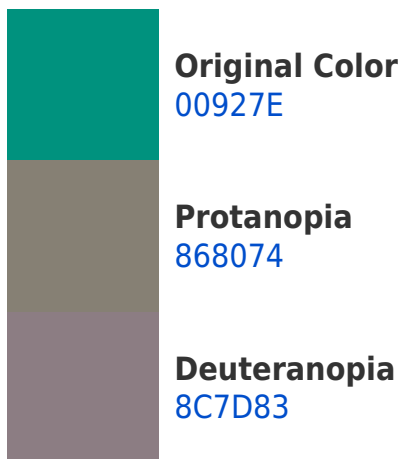


This preview shows how white text looks on a background with the Hex color 00927E.

# 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**  
288E9A

# Trichromacy



**Original Color**  
00927E



**Protanomaly**  
558778



**Deuteranomaly**  
598581



**Tritanomaly**  
198F90

# Monochromacy



**Original Color**  
00927E



**Achromatopsia**  
646464



**Achromatomaly**  
40756D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 00927E 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 #00927E looks like.

```
.text, #text, p{  
    color:#00927E  
}
```

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 #00927E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00927E
}
```

## Border

The CSS property to change the border of an element to Hex 00927E 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
#00927E }
```

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

```
.border{ border-color:#00927E }
```

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

Here you see how a box with a 4 pixel #00927E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00927E; -webkit-box-shadow:4px 4px  
4px 4px #00927E; box-shadow:4px 4px 4px  
4px #00927E }
```

# Background

The CSS property to change the background color of an element to Hex 00927E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00927E }
```

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

```
.background{ background-color:#00927E }
```

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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