

# Converting Colors

Hex(97787E)

Have a look what the booklet for  
Hex(97787E) contains.

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**Color**

**Hex(97787E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	97787E
RGB	151, 120, 126
RGB Percent	59%, 47%, 49%
CMY	0.4078, 0.5294, 0.5059
CMYK	0.00, 0.21, 0.17, 0.41
HSL	348°, 13%, 53%
HSV	348°, 21%, 59%
XYZ	23.2449, 21.5186, 22.6670
YIQ	129.9530, 16.5500, 8.4380

# Conversions

## Conversions Part 2

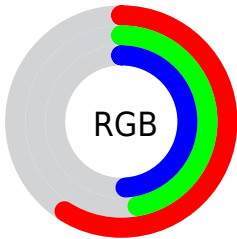
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	151, 120, 126
Decimal	9926782
CIE Lab	53.51, 13.06, 1.32
CIE LCh	54, 13.123, 5.753
Yxy	21.5186, 0.3447, 0.3191
Android (android.graphics.Color)	4288116862 (0xFF97787E)
YUV	129.9530, -1.9488, 18.4582
Hunter-Lab	46.3882, 8.2662, 3.5003

# Details

The Hex color **97787E** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **789791**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **CEACB3**, and **64474D** is the 20% darker color. If you saturate the color by 10%, you get **976972**, and if you desaturate by 10%, it is **97878A**.

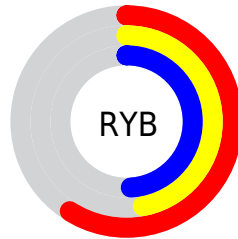
# Distribution



Red (59%)

Green (47%)

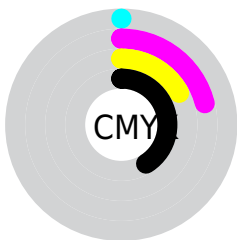
Blue (49%)



Red (59%)

Yellow (47%)

Blue (49%)

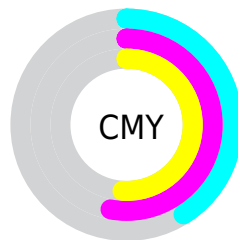


Cyan (0%)

Magenta (21%)

Yellow (17%)

Black (41%)



Cyan (41%)

Magenta (53%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 97787E 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 97787E by changing the saturation by 10% instead.





97787E



97787E

FFFFFF



7D5F65



CEACB3



64474D



EAC8CE



4B3136



FFE4EA



341B21



20030A



000000



97787E



97787E



976972



97878A



975A66



979696

 974B59

 97A5A3

 973C4D

 97B4AF

 972D41

 97C4BB

 971D35


 97D3C7

 970E29

 97E2D3

 97001D

 97F1DF

 97FFEC

# Harmonies

## Analogous

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



917989



97787E



977973

# Triad

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



97787E



7A836D



698494

# Complementary

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



97787E



789791

# 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.



62868D



97787E



6D8676

# Square

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



97787E



878069



648682



768096

# Rectangle

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



97787E



947B6E



648682



668492



# Sweetspot

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



97787E



C4B9BB



917897



635C5E



E3E3E3



636363



# Same Dimension

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



97787E



C4939D



978178



4D4546



8C001B



0D0002



# Inverse Universe

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



97787E



C4939D



788E97



4D4546



8C001B

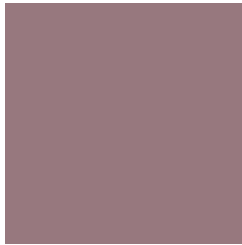


0D0002



# Previews

## White Background



This preview shows how the Hex color 97787E looks on a white background.

## Color Contrast Check

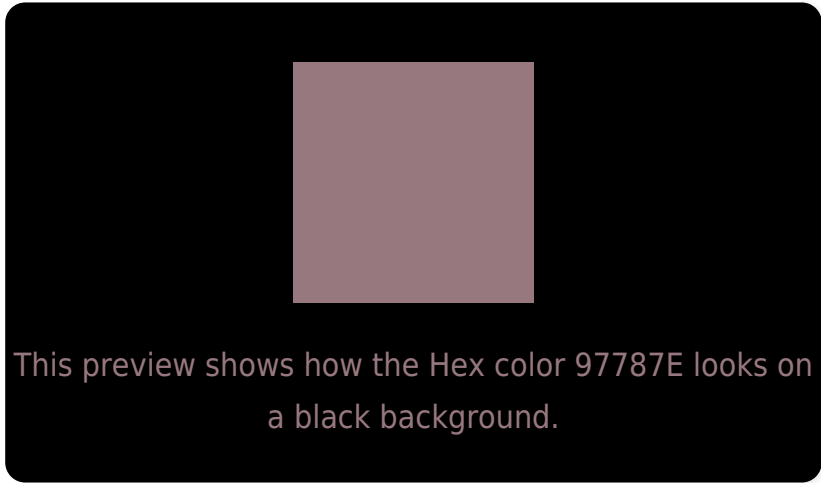
Large Text (above 18pt) WCAG AA ✓ Pass

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

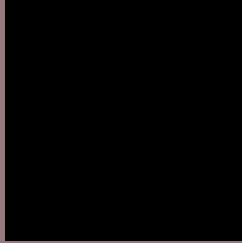
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 97787E Background



This preview shows how black text looks on a background with the Hex color 97787E.



This preview shows how white text looks on a background with the Hex color 97787E.

# 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**  
97787E

**Protanopia**  
827F82

**Deuteranopia**  
8D7C7D



**Tritanopia**  
977881

# Trichromacy



**Original Color**  
97787E

**Protanomaly**  
8A7C81

**Deuteranomaly**  
917B7D

**Tritanomaly**  
977880

# Monochromacy



**Original Color**  
97787E

**Achromatopsia**  
828282

**Achromatomaly**  
8A7E81

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 97787E 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 #97787E looks like.

```
.text, #text, p{  
    color:#97787E  
}
```

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 #97787E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97787E
}
```

## Border

The CSS property to change the border of an element to Hex 97787E is called "border". The border property can be set on classes, ids or directly on the HTML element.

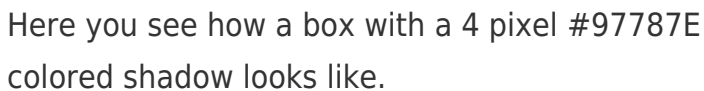
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#97787E }
```

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

```
.border{ border-color:#97787E }
```

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



Here you see how a box with a 4 pixel #97787E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97787E; -webkit-box-shadow:4px 4px  
4px 4px #97787E; box-shadow:4px 4px 4px  
4px #97787E }
```

# Background

The CSS property to change the background color of an element to Hex 97787E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97787E }
```

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

```
.background{ background-color:#97787E }
```

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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