

# Converting Colors

Hex(867E7E)

Have a look what the booklet for  
Hex(867E7E) contains.

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# Color

**Hex(867E7E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	867E7E
RGB	134, 126, 126
RGB Percent	53%, 49%, 49%
CMY	0.4745, 0.5059, 0.5059
CMYK	0.00, 0.06, 0.06, 0.47
HSL	0°, 3%, 51%
HSV	0°, 6%, 53%
XYZ	21.0583, 21.4964, 22.7780
YIQ	128.3920, 4.7680, 1.6960

# Conversions

## Conversions Part 2

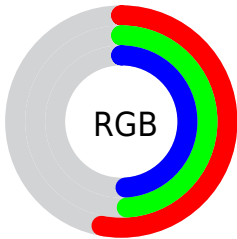
<b>Format</b>	<b>Color</b>
<b>RYB</b>	134, 126, 126
Decimal	8814206
CIELab	53.49, 3.03, 1.08
CIELCh	53, 3.218, 19.631
Yxy	21.4964, 0.3223, 0.3290
Android (android.graphics.Color)	4287004286 (0xFF867E7E)
YUV	128.3920, -1.1793, 4.9182
Hunter-Lab	46.3642, -0.0640, 3.3267

# Details

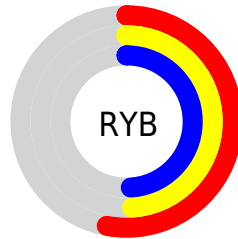
The Hex color **867E7E** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **7E8686**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **BBB3B3**, and **544D4D** is the 20% darker color. If you saturate the color by 10%, you get **867171**, and if you desaturate by 10%, it is **868B8B**.

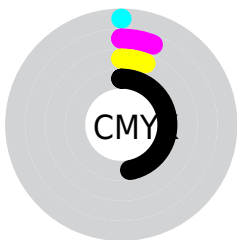
# Distribution



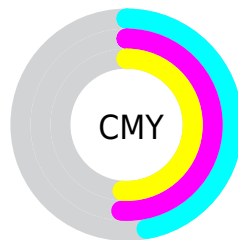
- Red (53%)
- Green (49%)
- Blue (49%)



- Red (53%)
- Yellow (49%)
- Blue (49%)



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



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 867E7E 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 867E7E by changing the saturation by 10% instead.





867E7E



867E7E

FFFFFF



6D6565



BBB3B3



544D4D



D7CECE



3D3636



F3EAEA



272121



130A0A



000000



867E7E



867E7E



867171



868B8B



866363



869999

 865656

 86A6A6

 864848

 86B4B4

 863B3B

 86C1C1

 862E2E

 86CECE

 862020

 86DCDC

 861313

 86E9E9

 860505

 86F7F7

# Harmonies

## Analogous

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



857E81



867E7E



857E7C

# Triad

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



867E7E



7D817C



7C8085

# Complementary

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



867E7E



7E8686

# 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.



7A8184



867E7E



7A817F

# Square

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



867E7E



80807B



798181



7F7F85

# Rectangle

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



867E7E



847F7B



798181



7B8185



# Sweetspot

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



867E7E



ADAAAA



867E86



575555



D6D6D6



575757



# Same Dimension

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



867E7E



ADA1A1



86827E



423D3D



820000



030000



# Inverse Universe

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



7E8686



A1ADAD



7E8286



3D4242



008282



000303



# Previews

## White Background



This preview shows how the Hex color 867E7E looks on a white background.

## Color Contrast Check

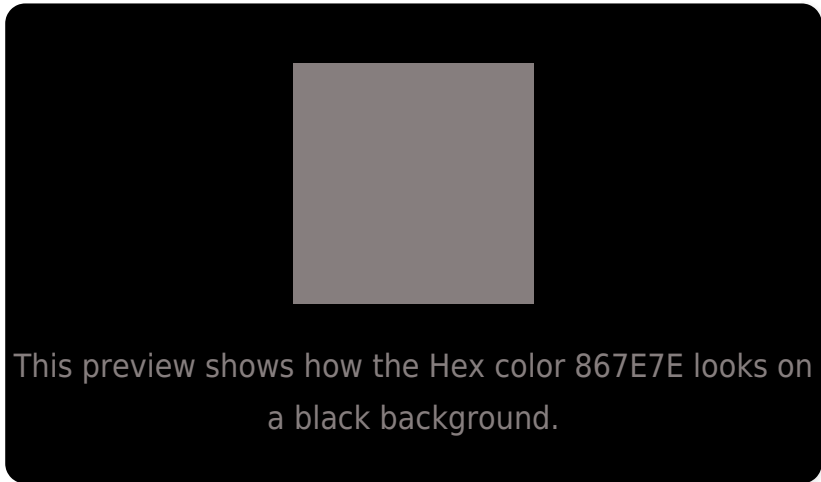
Large Text (above 18pt) WCAG AA ✓ Pass

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

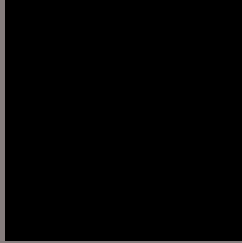
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 867E7E Background



This preview shows how black text looks on a background with the Hex color 867E7E.

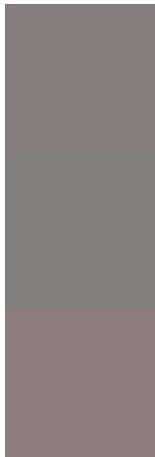


This preview shows how white text looks on a background with the Hex color 867E7E.

# 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](#).

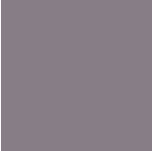
## Dichromacy



**Original Color**  
867E7E

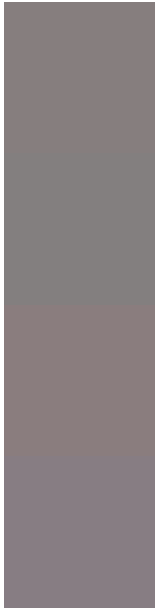
**Protanopia**  
827F7F

**Deuteranopia**  
8D7C7E



**Tritanopia**  
877D86

# Trichromacy



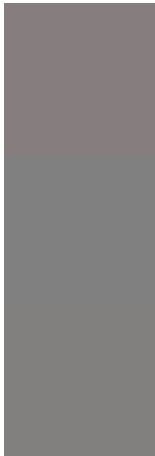
**Original Color**  
867E7E

**Protanomaly**  
837F7F

**Deuteranomaly**  
8A7D7E

**Tritanomaly**  
877D83

# Monochromacy



**Original Color**  
867E7E

**Achromatopsia**  
808080

**Achromatomaly**  
827F7F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 867E7E 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 #867E7E looks like.

```
.text, #text, p{  
    color:#867E7E  
}
```

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 #867E7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #867E7E
}
```

## Border

The CSS property to change the border of an element to Hex 867E7E is called "border". The border property can be set on classes, ids or directly on the HTML element.

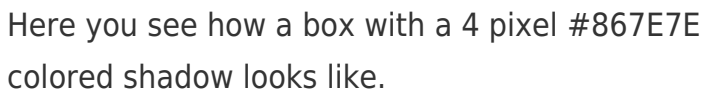
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#867E7E }
```

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

```
.border{ border-color:#867E7E }
```

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



Here you see how a box with a 4 pixel #867E7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #867E7E; -webkit-box-shadow:4px 4px  
4px 4px #867E7E; box-shadow:4px 4px 4px  
4px #867E7E }
```

# Background

The CSS property to change the background color of an element to Hex 867E7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#867E7E }
```

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

```
.background{ background-color:#867E7E }
```

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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