

# Converting Colors

Hex(867A78)

Have a look what the booklet for  
Hex(867A78) contains.

<b>Hex(867A78)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(867A78)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	867A78
RGB	134, 122, 120
RGB Percent	53%, 48%, 47%
CMY	0.4745, 0.5216, 0.5294
CMYK	0.00, 0.09, 0.10, 0.47
HSL	9°, 6%, 50%
HSV	9°, 10%, 53%
XYZ	20.1812, 20.3435, 20.6323
YIQ	125.3600, 7.7940, 1.9220

# Conversions

## Conversions Part 2

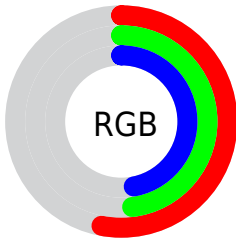
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	134, 122, 120
Decimal	8813176
CIE <sub>Lab</sub>	52.22, 4.22, 2.75
CIE <sub>LCh</sub>	52, 5.041, 33.075
Yxy	20.3435, 0.3300, 0.3326
Android (android.graphics.Color)	4287003256 (0xFF867A78)
YUV	125.3600, -2.6425, 7.5773
Hunter-Lab	45.1037, 0.9365, 4.4509

# Details

The Hex color **867A78** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **788486**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **BBAEAC**, and **544948** is the 20% darker color. If you saturate the color by 10%, you get **866F6B**, and if you desaturate by 10%, it is **868585**.

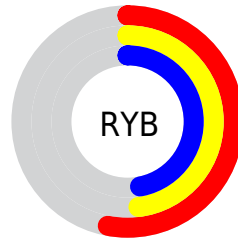
# Distribution



Red (53%)

Green (48%)

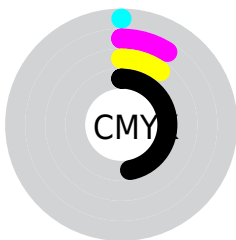
Blue (47%)



Red (53%)

Yellow (48%)

Blue (47%)

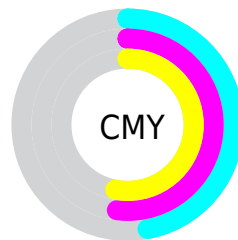


Cyan (0%)

Magenta (9%)

Yellow (10%)

Black (47%)



Cyan (47%)

Magenta (52%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 867A78 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 867A78 by changing the saturation by 10% instead.





867A78



867A78

FFFFFF



6D615F



BBAEAC



544948



D7CAC8



3D3331



F3E6E4



271E1C



140502



000000



867A78



867A78



866F6B



868585



86635D



869193

 865850

 869CA0

 864C42

 86A8AE

 864135

 86B3BB

 863528

 86BFC8

 862A1A

 86CAD6

 861E0D

 86D6E3

 861300

 86E1F1

# Harmonies

## Analogous

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



867A7C



867A78



847B75

# Triad

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



867A78



767F79



797D85

# Complementary

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



867A78



788486

# 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.



747E84



867A78



737F7D

# Square

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



867A78



7B7E75



727F81



7E7B84

# Rectangle

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



867A78



817C74



727F81



777D85



# Sweetspot

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



867A78



ADA9A8



867884



575453



D6D6D6



575757



# Same Dimension

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



867A78



AD9A97



868178



423D3C



821300



030000



# Inverse Universe

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



788486



97AAAD



787D86



3C4142



006F82



000203



# Previews

## White Background



This preview shows how the Hex color 867A78 looks on a white background.

## Color Contrast Check

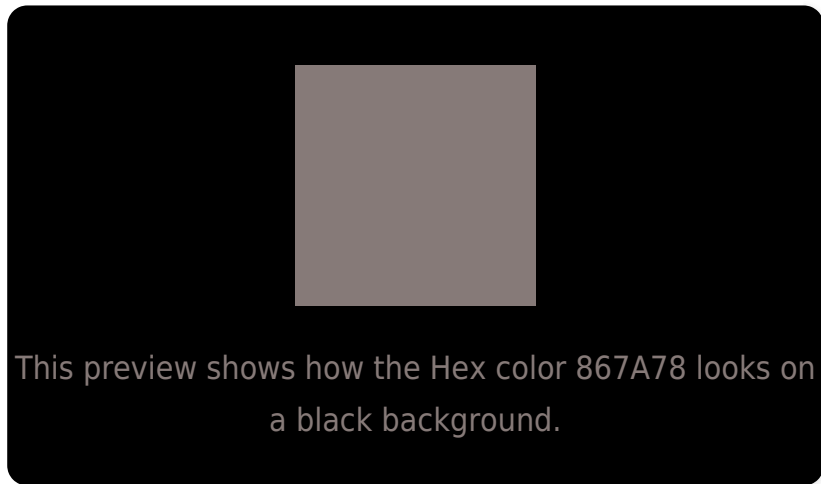
Large Text (above 18pt) WCAG AA ✓ Pass

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

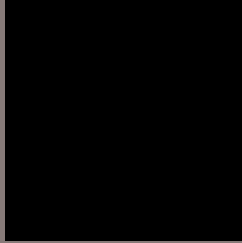
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 867A78 Background



This preview shows how black text looks on a background with the Hex color 867A78.



This preview shows how white text looks on a background with the Hex color 867A78.

# 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**

867A78

**Protanopia**

807C79

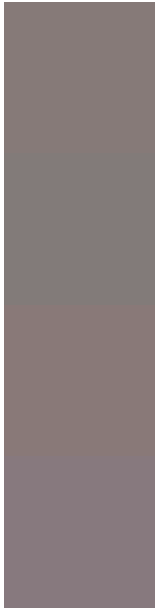
**Deuteranopia**

8A7878



**Tritanopia**  
877882

# Trichromacy



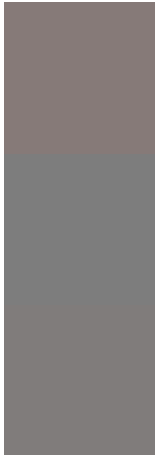
**Original Color**  
867A78

**Protanomaly**  
827B79

**Deuteranomaly**  
897978

**Tritanomaly**  
87797E

# Monochromacy



**Original Color**  
867A78

**Achromatopsia**  
7D7D7D

**Achromatomaly**  
807C7B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 867A78 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 #867A78 looks like.

```
.text, #text, p{  
    color:#867A78  
}
```

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 #867A78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #867A78
}
```

## Border

The CSS property to change the border of an element to Hex 867A78 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".

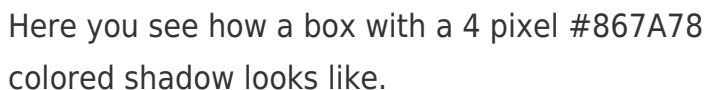
```
.border, #border, table{ border:4px solid
#867A78 }
```

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

```
.border{ border-color:#867A78 }
```

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

Here you see how a box with a 4 pixel #867A78 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #867A78; -webkit-box-shadow:4px 4px  
4px 4px #867A78; box-shadow:4px 4px 4px  
4px #867A78 }
```

# Background

The CSS property to change the background color of an element to Hex 867A78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#867A78 }
```

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

```
.background{ background-color:#867A78 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor