

# Converting Colors

Hex(3E8E7C)

Have a look what the booklet for  
Hex(3E8E7C) contains.

<b>Hex(3E8E7C)</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(3E8E7C)

# Conversions

## Conversions Part 1

Format	Color
Hex	3E8E7C
RGB	62, 142, 124
RGB Percent	24%, 56%, 49%
CMY	0.7569, 0.4431, 0.5137
CMYK	0.56, 0.00, 0.13, 0.44
HSL	166°, 39%, 40%
HSV	166°, 56%, 56%
XYZ	15.2977, 21.8254, 22.4752
YIQ	116.0280, -41.9020, -22.5580

# Conversions

## Conversions Part 2

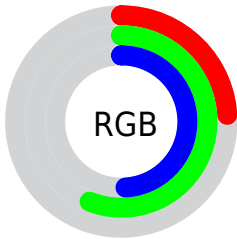
<b>Format</b>	<b>Color</b>
<b>RYB</b>	62, 107, 142
Decimal	4099708
CIELab	53.84, -29.06, 2.22
CIElCh	54, 29.147, 175.637
Yxy	21.8254, 0.2567, 0.3662
Android (android.graphics.Color)	4282289788 (0xFF3E8E7C)
YUV	116.0280, 3.9302, -47.3826
Hunter-Lab	46.7176, -23.3060, 4.1787

# Details

The Hex color **3E8E7C** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **8E3E50**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **75C4B0**, and **005B4B** is the 20% darker color. If you saturate the color by 10%, you get **308E79**, and if you desaturate by 10%, it is **4C8E7F**.

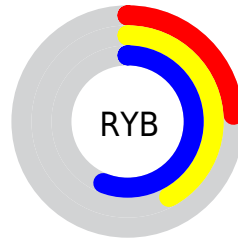
# Distribution



Red (24%)

Green (56%)

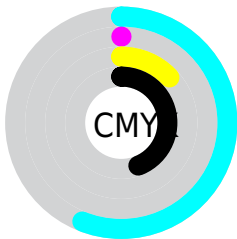
Blue (49%)



Red (24%)

Yellow (42%)

Blue (56%)

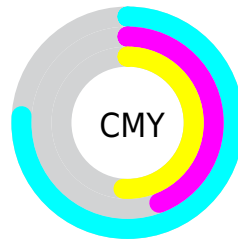


Cyan (56%)

Magenta (0%)

Yellow (13%)

Black (44%)



Cyan (76%)

Magenta (44%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3E8E7C 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 3E8E7C by changing the saturation by 10% instead.





3E8E7C



3E8E7C

FFFFFF



207463



75C4B0



005B4B



90E0CC



004335



ACFDE8



002C20



C8FFFF



001608



E5FFFF



000000



3E8E7C



3E8E7C



308E79



4C8E7F



228E76



5A8E82

■ 138E72

■ 698E86

■ 058E6F

■ 778E89

■ 008E6E

■ 858E8C

■ 938E8F

■ A18E92

■ B08E96

■ BE8E99

# Harmonies

## Analogous

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



5E8B64



3E8E7C



228E96

# Triad

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



3E8E7C



7F7CAE



A87558

# Complementary

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



3E8E7C



8E3E50

# 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.



B26F6C



3E8E7C



9D739D

# Square

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



3E8E7C



5784B2



AE6E85



957E4E

# Rectangle

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



3E8E7C



248CA4



AE6E85



AD735E



# Sweetspot

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



3E8E7C



98B8B1



518E3E



495C58



DBDBDB



5C5C5C



# Same Dimension

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



3E8E7C



3BB89C



3E798E



404746



008769



000806



# Inverse Universe

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



8E3E50



B83B57



8E533E



474042



87001E

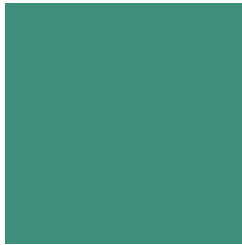


080002



# Previews

## White Background



This preview shows how the Hex color 3E8E7C looks on a white background.

## Color Contrast Check

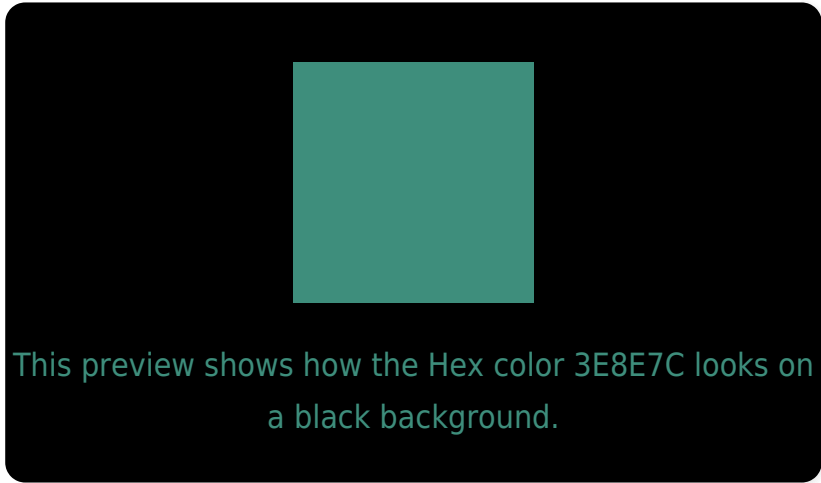
Large Text (above 18pt) WCAG AA ✓ Pass

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 3E8E7C Background



This preview shows how black text looks on a background with the Hex color 3E8E7C.

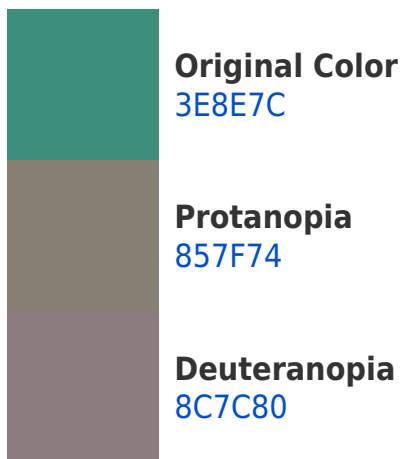



This preview shows how white text looks on a background with the Hex color 3E8E7C.

# 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**  
478A96

# Trichromacy



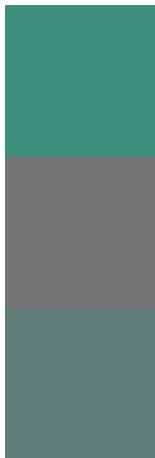
**Original Color**  
3E8E7C

**Protanomaly**  
6B8477

**Deuteranomaly**  
70837F

**Tritanomaly**  
448B8D

# Monochromacy



**Original Color**  
3E8E7C

**Achromatopsia**  
747474

**Achromatomaly**  
607D77

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3E8E7C 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 #3E8E7C looks like.

```
.text, #text, p{  
    color:#3E8E7C  
}
```

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 #3E8E7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E8E7C
}
```

## Border

The CSS property to change the border of an element to Hex 3E8E7C 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
#3E8E7C }
```

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

```
.border{ border-color:#3E8E7C }
```

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

Here you see how a box with a 4 pixel #3E8E7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E8E7C; -webkit-box-shadow:4px 4px  
4px 4px #3E8E7C; box-shadow:4px 4px 4px  
4px #3E8E7C }
```

# Background

The CSS property to change the background color of an element to Hex 3E8E7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E8E7C }
```

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

```
.background{ background-color:#3E8E7C }
```

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