

# Converting Colors

Hex(3E7A7C)

Have a look what the booklet for  
Hex(3E7A7C) contains.

<b>Hex(3E7A7C)</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(3E7A7C)

# Conversions

## Conversions Part 1

Format	Color
Hex	3E7A7C
RGB	62, 122, 124
RGB Percent	24%, 48%, 49%
CMY	0.7569, 0.5216, 0.5137
CMYK	0.50, 0.02, 0.00, 0.51
HSL	182°, 33%, 36%
HSV	182°, 50%, 49%
XYZ	12.5842, 16.3984, 21.5707
YIQ	104.2880, -36.4020, -12.0980

# Conversions

## Conversions Part 2

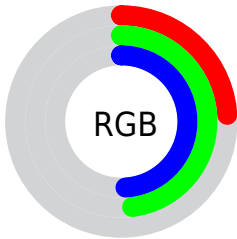
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	62, 92, 124
Decimal	4094588
CIE <sub>Lab</sub>	47.49, -18.84, -7.12
CIE <sub>LCh</sub>	47, 20.138, 200.706
Yxy	16.3984, 0.2489, 0.3244
Android (android.graphics.Color)	4282284668 (0xFF3E7A7C)
YUV	104.2880, 9.7180, -37.0866
Hunter-Lab	40.4950, -15.3955, -3.2359

# Details

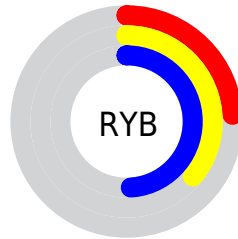
The Hex color **3E7A7C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7C403E**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **73AFB0**, and **00494B** is the 20% darker color. If you saturate the color by 10%, you get **327A7C**, and if you desaturate by 10%, it is **4A7A7C**.

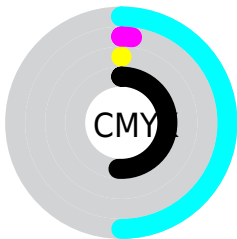
# Distribution



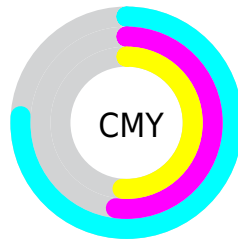
- Red (24%)
- Green (48%)
- Blue (49%)



- Red (24%)
- Yellow (36%)
- Blue (49%)



- Cyan (50%)
- Magenta (2%)
- Yellow (0%)
- Black (51%)



- Cyan (76%)
- Magenta (52%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3E7A7C 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 3E7A7C by changing the saturation by 10% instead.





3E7A7C



3E7A7C

FFFFFF



236163



73AFB0



00494B



8ECACC



003235



A9E6E8



001E1F



C5FFFF



000007



E2FFFF



000000



3E7A7C



3E7A7C



327A7C



4A7A7C



25797C



577B7C

19797C

637B7C

0C787C

707C7C

00787C

7C7C7C

887C7C

957D7C

A17D7C

AE7E7C

# Harmonies

## Analogous

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



4B7A6B



3E7A7C



41788A

# Triad

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



3E7A7C



816886



826E4F

# Complementary

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



3E7A7C



7C403E

# 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.



8E6857



3E7A7C



8F6577

# Square

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



3E7A7C



6C6E90



936565



717351

# Rectangle

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



3E7A7C



4C7590



936565



876C51



# Sweetspot

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



3E7A7C



89A0A1



3E7C3F



435152



D1D1D1



525252



# Same Dimension

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



3E7A7C



409EA1



3E5C7C



373D3D



00797D



00F4FC



# Inverse Universe

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



7C3E7A



A1409E



7C5E3E



3D373D



7D0079

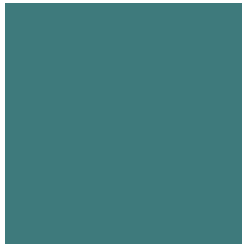


FC00F4



# Previews

## White Background



This preview shows how the Hex color 3E7A7C looks on a white background.

## Color Contrast Check

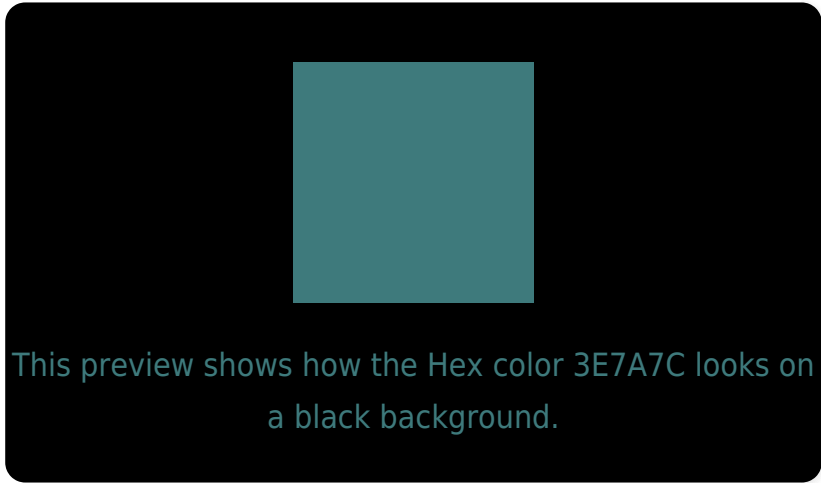
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

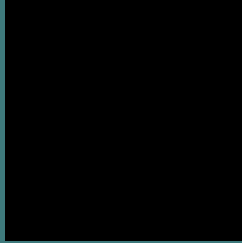
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3E7A7C Background



This preview shows how black text looks on a background with the Hex color 3E7A7C.



This preview shows how white text looks on a background with the Hex color 3E7A7C.

# 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**  
407983

# Trichromacy



**Original Color**  
3E7A7C

**Protanomaly**  
5E7378

**Deuteranomaly**  
60727E

**Tritanomaly**  
3F7980

# Monochromacy



**Original Color**  
3E7A7C

**Achromatopsia**  
686868

**Achromatomaly**  
596F6F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3E7A7C 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 #3E7A7C looks like.

```
.text, #text, p{  
    color:#3E7A7C  
}
```

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 #3E7A7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E7A7C
}
```

## Border

The CSS property to change the border of an element to Hex 3E7A7C 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
#3E7A7C }
```

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

```
.border{ border-color:#3E7A7C }
```

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

Here you see how a box with a 4 pixel #3E7A7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E7A7C; -webkit-box-shadow:4px 4px  
4px 4px #3E7A7C; box-shadow:4px 4px 4px  
4px #3E7A7C }
```

# Background

The CSS property to change the background color of an element to Hex 3E7A7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E7A7C }
```

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

```
.background{ background-color:#3E7A7C }
```

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