

# Converting Colors

Hex(7E8A8A)

Have a look what the booklet for  
Hex(7E8A8A) contains.

<b>Hex(7E8A8A)</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(7E8A8A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7E8A8A
RGB	126, 138, 138
RGB Percent	49%, 54%, 54%
CMY	0.5059, 0.4588, 0.4588
CMYK	0.09, 0.00, 0.00, 0.46
HSL	180°, 5%, 52%
HSV	180°, 9%, 54%
XYZ	22.2801, 24.4476, 27.5893
YIQ	134.4120, -7.1520, -2.5440

# Conversions

## Conversions Part 2

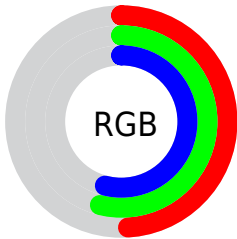
<b>Format</b>	<b>Color</b>
<b>RYB</b>	126, 132, 138
Decimal	8293002
CIELab	56.53, -4.35, -1.50
CIELCh	57, 4.602, 199.037
Yxy	24.4476, 0.2998, 0.3290
Android (android.graphics.Color)	4286483082 (0xFF7E8A8A)
YUV	134.4120, 1.7689, -7.3773
Hunter-Lab	49.4445, -6.0942, 1.5281

# Details

The Hex color **7E8A8A** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8A7E7E**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **B3BFBF**, and **4D5858** is the 20% darker color. If you saturate the color by 10%, you get **708A8A**, and if you desaturate by 10%, it is **8C8A8A**.

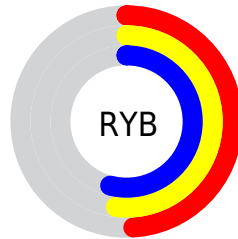
# Distribution



Red (49%)

Green (54%)

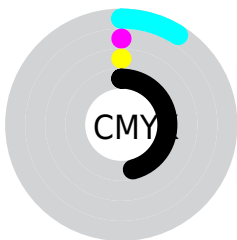
Blue (54%)



Red (49%)

Yellow (52%)

Blue (54%)

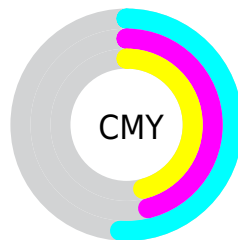


Cyan (9%)

Magenta (0%)

Yellow (0%)

Black (46%)



Cyan (51%)

Magenta (46%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7E8A8A 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 7E8A8A by changing the saturation by 10% instead.





7E8A8A



7E8A8A

FFFFFF



657171



B3BFBF



4D5858



CEDBDB



364141



EAF8F8



212B2B



0B1716



000000



7E8A8A



7E8A8A



708A8A



8C8A8A



628A8A



9A8A8A

558A8A

A78A8A

478A8A

B58A8A

398A8A

C38A8A

2B8A8A

D18A8A

1D8A8A

DF8A8A

108A8A

EC8A8A

028A8A

FA8A8A

# Harmonies

## Analogous

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



808A86



7E8A8A



7F898D

# Triad

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



7E8A8A



8B868D



8D8780

# Complementary

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



7E8A8A



8A7E7E

# 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.



908682



7E8A8A



8F8589

# Square

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



7E8A8A



87878F



918585



888880

# Rectangle

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



7E8A8A



81898F



918585



8E8680



# Sweetspot

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



7E8A8A



ADB3B3



7E8A7E



565959



D9D9D9



595959



# Same Dimension

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



7E8A8A



A1B3B3



7E848A



3E4545



008585



000505



# Inverse Universe

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



8A7E8A



B3A1B3



8A847E



453E45



850085



050005



# Previews

## White Background



This preview shows how the Hex color 7E8A8A looks on a white background.

## Color Contrast Check

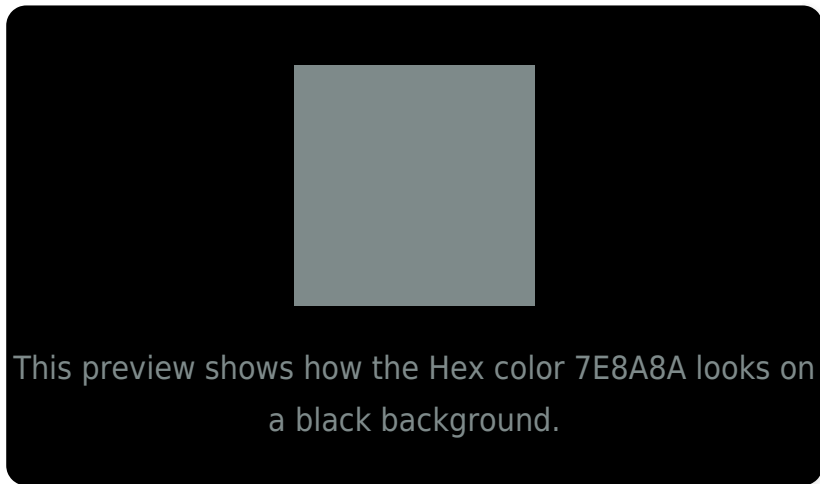
Large Text (above 18pt) WCAG AA ✓ Pass

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

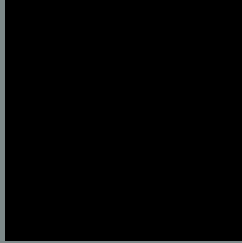
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

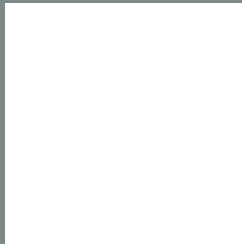
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7E8A8A Background



This preview shows how black text looks on a background with the Hex color 7E8A8A.



This preview shows how white text looks on a background with the Hex color 7E8A8A.

# 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**

7E8A8A

**Protanopia**

8A8788

**Deuteranopia**

93838B



**Tritanopia**  
808993

# Trichromacy



**Original Color**

7E8A8A

**Protanomaly**

868889

**Deuteranomaly**

8B868B

**Tritanomaly**

7F8990

# Monochromacy



**Original Color**

7E8A8A

**Achromatopsia**

868686

**Achromatomaly**

838787

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7E8A8A 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 #7E8A8A looks like.

```
.text, #text, p{  
    color:#7E8A8A  
}
```

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 #7E8A8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7E8A8A
}
```

## Border

The CSS property to change the border of an element to Hex 7E8A8A 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
#7E8A8A }
```

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

```
.border{ border-color:#7E8A8A }
```

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

Here you see how a box with a 4 pixel #7E8A8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7E8A8A; -webkit-box-shadow:4px 4px  
4px 4px #7E8A8A; box-shadow:4px 4px 4px  
4px #7E8A8A }
```

# Background

The CSS property to change the background color of an element to Hex 7E8A8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7E8A8A }
```

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

```
.background{ background-color:#7E8A8A }
```

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