

# Converting Colors

Hex(7C8E97)

Have a look what the booklet for  
Hex(7C8E97) contains.

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# Color

Hex(7C8E97)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7C8E97
RGB	124, 142, 151
RGB Percent	49%, 56%, 59%
CMY	0.5137, 0.4431, 0.4078
CMYK	0.18, 0.06, 0.00, 0.41
HSL	200°, 11%, 54%
HSV	200°, 18%, 59%
XYZ	23.5711, 25.8655, 33.0284
YIQ	137.6440, -13.6170, -1.0170

# Conversions

## Conversions Part 2

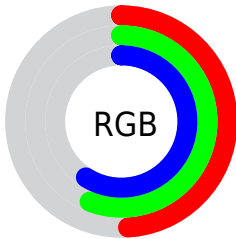
<b>Format</b>	<b>Color</b>
<b>RYB</b>	124, 135, 151
Decimal	8162967
CIELab	57.91, -4.44, -6.95
CIELCh	58, 8.248, 237.445
Yxy	25.8655, 0.2858, 0.3137
Android (android.graphics.Color)	4286353047 (0xFF7C8E97)
YUV	137.6440, 6.5845, -11.9658
Hunter-Lab	50.8581, -6.2726, -2.9036

# Details

The Hex color **7C8E97** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **97857C**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **B1C4CD**, and **4B5C64** is the 20% darker color. If you saturate the color by 10%, you get **6D8997**, and if you desaturate by 10%, it is **8B9397**.

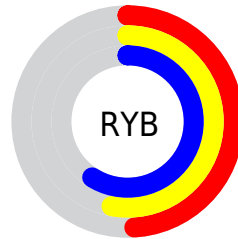
# Distribution



Red (49%)

Green (56%)

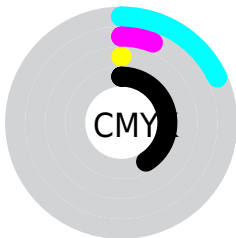
Blue (59%)



Red (49%)

Yellow (53%)

Blue (59%)

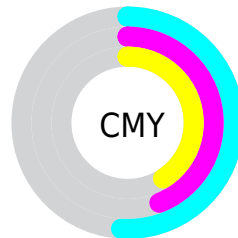


Cyan (18%)

Magenta (6%)

Yellow (0%)

Black (41%)



Cyan (51%)

Magenta (44%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7C8E97 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 7C8E97 by changing the saturation by 10% instead.





7C8E97



7C8E97

FFFFFF



63747D



B1C4CD



4B5C64



CCE0E9



34444C



E9FCFF



1E2E36



081A20



000008



000000



7C8E97



7C8E97



6D8997



8B9397

■ 5E8497

■ 9A9897

■ 4F7F97

■ A99D97

■ 407A97

■ B8A297

■ 317597

■ C8A797

■ 217097

■ D7AC97

■ 126B97

■ E6B197

■ 036697

■ F5B697

■ 006597

■ FFBB97

# Harmonies

## Analogous

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



798F91



7C8E97



838C99

# Triad

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



7C8E97



9A868C



8A8D7E

# Complementary

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



7C8E97



97857C

# 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.



928A7D



7C8E97



9B8785

# Square

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



7C8E97



948793



98887F



828F83

# Rectangle

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



7C8E97



898A99



98887F



8D8C7D



# Sweetspot

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



7C8E97



BBC1C4



7C9785



5D6163



E3E3E3



636363



# Same Dimension

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



7C8E97



9BB7C4



7C8197



454A4D



005E8C



00090D



# Inverse Universe

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



977C8E



C49BB7



97937C



4D454A



8C005D



0D0008



# Previews

## White Background



This preview shows how the Hex color 7C8E97 looks on a white background.

## Color Contrast Check

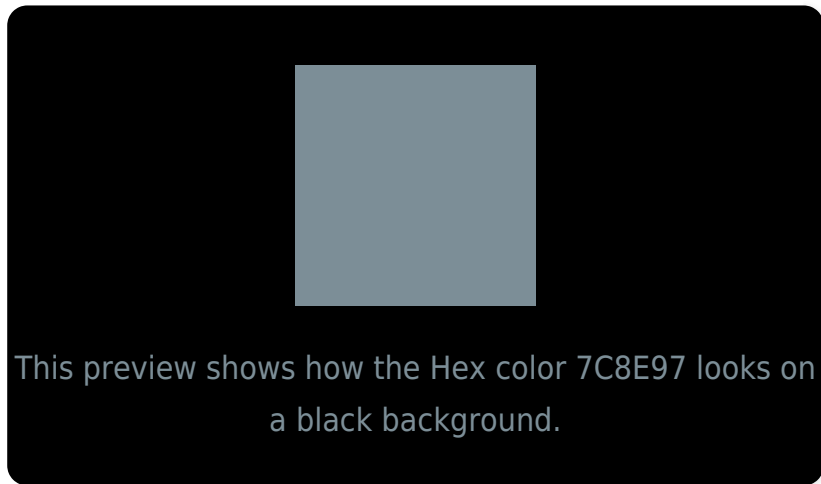
Large Text (above 18pt) WCAG AA ✓ Pass

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

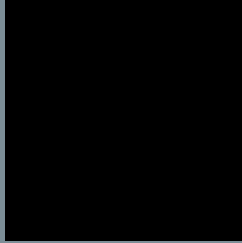
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

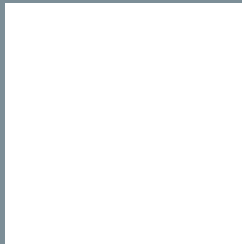
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7C8E97 Background



This preview shows how black text looks on a background with the Hex color 7C8E97.



This preview shows how white text looks on a background with the Hex color 7C8E97.

# 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**  
7C8E97

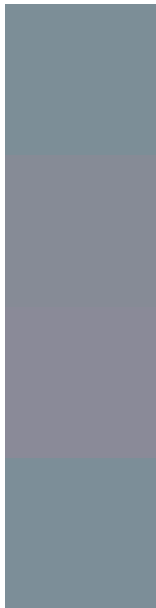
**Protanopia**  
8B8A95

**Deuteranopia**  
928798



**Tritanopia**  
7C8E99

# Trichromacy



**Original Color**  
7C8E97

**Protanomaly**  
868B96

**Deuteranomaly**  
8A8A98

**Tritanomaly**  
7C8E98

# Monochromacy



**Original Color**  
7C8E97

**Achromatopsia**  
8A8A8A

**Achromatomaly**  
858B8F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7C8E97 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 #7C8E97 looks like.

```
.text, #text, p{  
    color:#7C8E97  
}
```

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 #7C8E97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7C8E97
}
```

## Border

The CSS property to change the border of an element to Hex 7C8E97 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
#7C8E97 }
```

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

```
.border{ border-color:#7C8E97 }
```

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

Here you see how a box with a 4 pixel #7C8E97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7C8E97; -webkit-box-shadow:4px 4px  
4px 4px #7C8E97; box-shadow:4px 4px 4px  
4px #7C8E97 }
```

# Background

The CSS property to change the background color of an element to Hex 7C8E97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7C8E97 }
```

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

```
.background{ background-color:#7C8E97 }
```

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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