

# Converting Colors

Hex(7B808B)

Have a look what the booklet for  
Hex(7B808B) contains.

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# Color

**Hex(7B808B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7B808B
RGB	123, 128, 139
RGB Percent	48%, 50%, 55%
CMY	0.5176, 0.4980, 0.4549
CMYK	0.12, 0.08, 0.00, 0.45
HSL	221°, 6%, 51%
HSV	221°, 12%, 55%
XYZ	20.5478, 21.5134, 27.4956
YIQ	127.7590, -6.5110, 2.3610

# Conversions

## Conversions Part 2

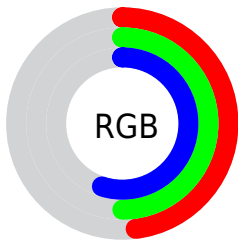
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	123, 127, 139
Decimal	8093835
CIE <sub>Lab</sub>	53.51, 0.49, -6.58
CIE <sub>LCh</sub>	54, 6.593, 274.238
Yxy	21.5134, 0.2954, 0.3093
Android (android.graphics.Color)	4286283915 (0xFF7B808B)
YUV	127.7590, 5.5418, -4.1736
Hunter-Lab	46.3825, -2.0928, -2.6794

# Details

The Hex color **7B808B** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8B867B**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **B0B5C0**, and **4A4F59** is the 20% darker color. If you saturate the color by 10%, you get **6D768B**, and if you desaturate by 10%, it is **898A8B**.

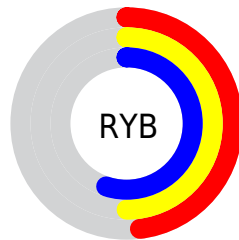
# Distribution



Red (48%)

Green (50%)

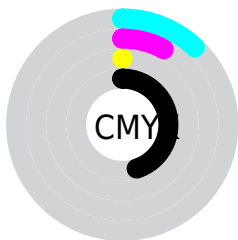
Blue (55%)



Red (48%)

Yellow (50%)

Blue (55%)

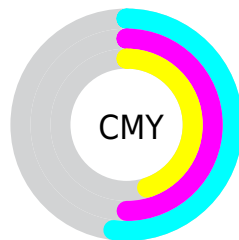


Cyan (12%)

Magenta (8%)

Yellow (0%)

Black (45%)



Cyan (52%)

Magenta (50%)

Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B808B 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 7B808B by changing the saturation by 10% instead.





7B808B



7B808B

FFFFFF



626772



B0B5C0



4A4F59



CBD0DC



343842



E7EDF9



1E232C



070D17



000000



7B808B



7B808B



6D768B



898A8B



5F6D8B



97938B

51638B

A59D8B

435A8B

B3A68B

36508B

C1B08B

28478B

CEB98B

1A3D8B

DCC38B

0C348B

EACC8B

002B8B

F8D68B

# Harmonies

## Analogous

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



75828A



7B808B



827E89

# Triad

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



7B808B



8C7C7A



77837B

# Complementary

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



7B808B



8B867B

# 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.



7D8176



7B808B



897E76

# Square

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



7B808B



8C7C7F



848075



738380

# Rectangle

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



7B808B



867D87



848075



798279



# Sweetspot

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



7B808B



B0B1B5



7B8B86



58595C



DBDBDB



5C5C5C



# Same Dimension

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



7B808B



9CA4B5



7E7B8B



3E4045



002985



000205



# Inverse Universe

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



8B7B80



B59CA4



888B7B



453E40



850029

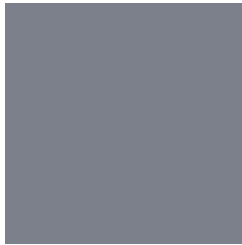


050002



# Previews

## White Background



This preview shows how the Hex color 7B808B looks on a white background.

## Color Contrast Check

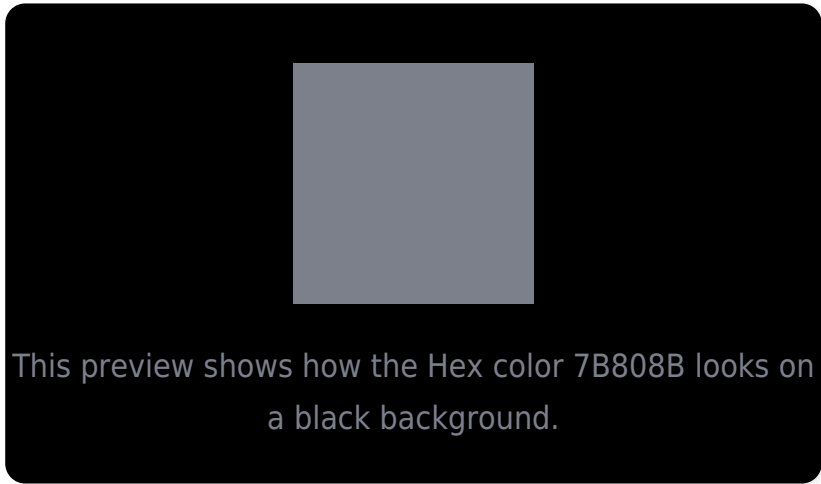
Large Text (above 18pt) WCAG AA ✓ Pass

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

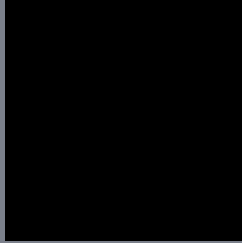
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

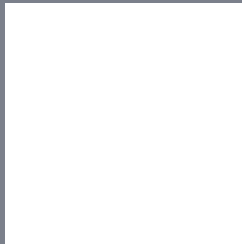
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7B808B Background



This preview shows how black text looks on a background with the Hex color 7B808B.



This preview shows how white text looks on a background with the Hex color 7B808B.

# 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**

7B808B

**Protanopia**

7F7F8A

**Deuteranopia**

877C8C



**Tritanopia**  
7B808A

# Trichromacy



**Original Color**  
7B808B

**Protanomaly**  
7E7F8A

**Deuteranomaly**  
837D8C

**Tritanomaly**  
7B808A

# Monochromacy



**Original Color**  
7B808B

**Achromatopsia**  
808080

**Achromatomaly**  
7E8084

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B808B 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 #7B808B looks like.

```
.text, #text, p{  
    color:#7B808B  
}
```

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 #7B808B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B808B
}
```

## Border

The CSS property to change the border of an element to Hex 7B808B 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
#7B808B }
```

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

```
.border{ border-color:#7B808B }
```

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

Here you see how a box with a 4 pixel #7B808B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B808B; -webkit-box-shadow:4px 4px  
4px 4px #7B808B; box-shadow:4px 4px 4px  
4px #7B808B }
```

# Background

The CSS property to change the background color of an element to Hex 7B808B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B808B }
```

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

```
.background{ background-color:#7B808B }
```

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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