

# Converting Colors

Hex(7B8F80)

Have a look what the booklet for  
Hex(7B8F80) contains.

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# Color

Hex(7B8F80)

# Conversions

## Conversions Part 1

Format	Color
Hex	7B8F80
RGB	123, 143, 128
RGB Percent	48%, 56%, 50%
CMY	0.5176, 0.4392, 0.4980
CMYK	0.14, 0.00, 0.10, 0.44
HSL	135°, 8%, 52%
HSV	135°, 14%, 56%
XYZ	21.8871, 25.4144, 24.1740
YIQ	135.3100, -7.1050, -8.9050

# Conversions

## Conversions Part 2

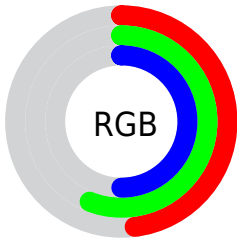
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	123, 139, 143
Decimal	8097664
CIE <sub>Lab</sub>	57.48, -10.24, 5.58
CIE <sub>LCh</sub>	57, 11.663, 151.417
Yxy	25.4144, 0.3062, 0.3556
Android (android.graphics.Color)	4286287744 (0xFF7B8F80)
YUV	135.3100, -3.6038, -10.7959
Hunter-Lab	50.4127, -10.7248, 6.8580

# Details

The Hex color **7B8F80** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8F7B8A**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **B0C5B5**, and **4A5D4F** is the 20% darker color. If you saturate the color by 10%, you get **6D8F75**, and if you desaturate by 10%, it is **898F8B**.

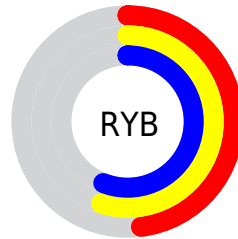
# Distribution



Red (48%)

Green (56%)

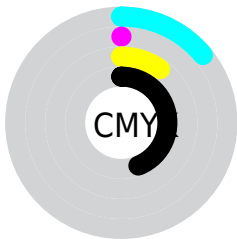
Blue (50%)



Red (48%)

Yellow (55%)

Blue (56%)

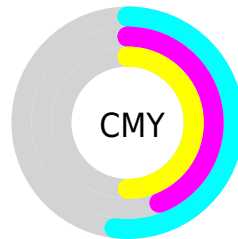


Cyan (14%)

Magenta (0%)

Yellow (10%)

Black (44%)



Cyan (52%)

Magenta (44%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7B8F80 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 7B8F80 by changing the saturation by 10% instead.



 7B8F80

 7B8F80

FFFFFF

 627567

 B0C5B5

 4A5D4F

 CBE1D0

 334538

 E7FDED

 1E2F23

 071A0D

 000000

 7B8F80

 7B8F80

 6D8F75

 898F8B

 5E8F6B

 988F95

■ 508F60

■ A68FA0

■ 428F55

■ B48FAB

■ 338F4A

■ C38FB6

■ 258F40

■ D18FC0

■ 178F35

■ DF8FCB

■ 098F2A

■ ED8FD6

■ 008F24

■ FC8FE1

# Harmonies

## Analogous

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



868D79



7B8F80



73908A

# Triad

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



7B8F80



808B9E



A08480

# Complementary

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



7B8F80



8F7B8A

# 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.



9F838A



7B8F80



8D879B

# Square

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



7B8F80



758E9C



988494



9B8678

# Rectangle

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



7B8F80



709091



988494



A08383



# Sweetspot

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



7B8F80



B3BAB5



8A8F7B



5A5E5B



DEDEDE



5E5E5E



# Same Dimension

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



7B8F80



9BBAA2



7B8F8A



404742



008722



000802



# Inverse Universe

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



8F7B8A



BA9BB2



8F7B80



474046



870065



080006



# Previews

## White Background



This preview shows how the Hex color 7B8F80 looks on a white background.

## Color Contrast Check

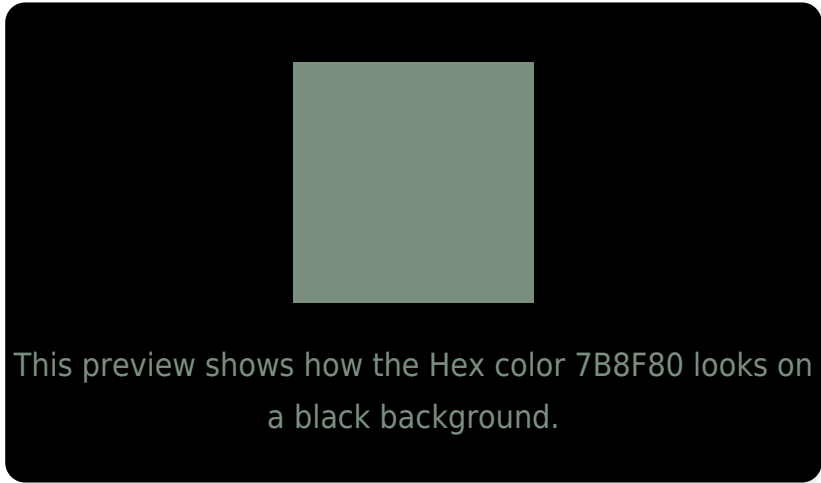
Large Text (above 18pt) WCAG AA ✓ Pass

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

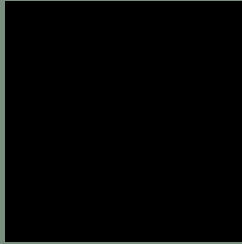
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

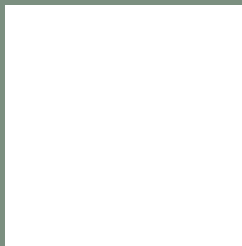
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7B8F80 Background



This preview shows how black text looks on a background with the Hex color 7B8F80.

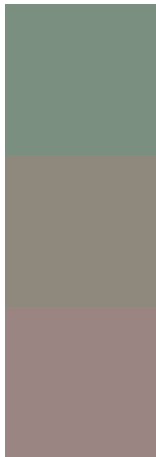


This preview shows how white text looks on a background with the Hex color 7B8F80.

# 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**  
7B8F80

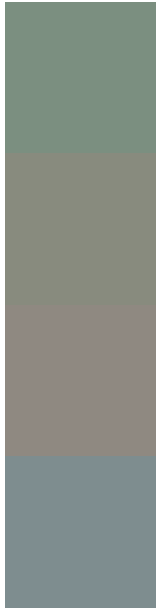
**Protanopia**  
8F897D

**Deuteranopia**  
9A8582



**Tritanopia**  
7F8C97

# Trichromacy



**Original Color**  
7B8F80

**Protanomaly**  
888B7E

**Deuteranomaly**  
8F8981

**Tritanomaly**  
7E8D8F

# Monochromacy



**Original Color**  
7B8F80

**Achromatopsia**  
878787

**Achromatomaly**  
838A84

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7B8F80 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 #7B8F80 looks like.

```
.text, #text, p{  
    color:#7B8F80  
}
```

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 #7B8F80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B8F80
}
```

## Border

The CSS property to change the border of an element to Hex 7B8F80 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
#7B8F80 }
```

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

```
.border{ border-color:#7B8F80 }
```

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

Here you see how a box with a 4 pixel #7B8F80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B8F80; -webkit-box-shadow:4px 4px  
4px 4px #7B8F80; box-shadow:4px 4px 4px  
4px #7B8F80 }
```

# Background

The CSS property to change the background color of an element to Hex 7B8F80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B8F80 }
```

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

```
.background{ background-color:#7B8F80 }
```

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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