

# Converting Colors

Hex(7F8B8A)

Have a look what the booklet for  
Hex(7F8B8A) contains.

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# Color

Hex(7F8B8A)

# Conversions

## Conversions Part 1

Format	Color
Hex	7F8B8A
RGB	127, 139, 138
RGB Percent	50%, 55%, 54%
CMY	0.5020, 0.4549, 0.4588
CMYK	0.09, 0.00, 0.01, 0.45
HSL	175°, 5%, 52%
HSV	175°, 9%, 55%
XYZ	22.5725, 24.8122, 27.6443
YIQ	135.2980, -6.8310, -2.8550

# Conversions

## Conversions Part 2

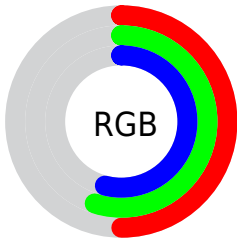
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	127, 133, 139
Decimal	8358794
CIE <sub>Lab</sub>	56.89, -4.55, -0.97
CIE <sub>LCh</sub>	57, 4.656, 191.978
Yxy	24.8122, 0.3008, 0.3307
Android (android.graphics.Color)	4286548874 (0xFF7F8B8A)
YUV	135.2980, 1.3321, -7.2773
Hunter-Lab	49.8119, -6.2828, 1.9639

# Details

The Hex color **7F8B8A** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8B7F80**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **B4C0BF**, and **4E5958** is the 20% darker color. If you saturate the color by 10%, you get **718B89**, and if you desaturate by 10%, it is **8D8B8B**.

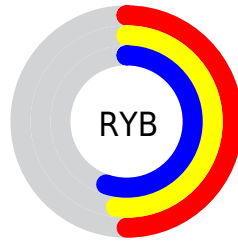
# Distribution



Red (50%)

Green (55%)

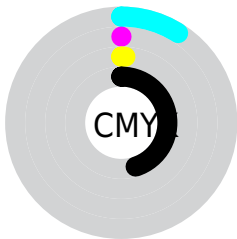
Blue (54%)



Red (50%)

Yellow (52%)

Blue (55%)

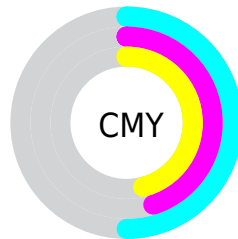


Cyan (9%)

Magenta (0%)

Yellow (1%)

Black (45%)



Cyan (50%)

Magenta (45%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F8B8A 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 7F8B8A by changing the saturation by 10% instead.





7F8B8A



7F8B8A

FFFFFF



667271



B4C0BF



4E5958



CFDCDB



374241



ECF9F8



222C2B



0C1716



000000



7F8B8A



7F8B8A



718B89



8D8B8B



638B88



9B8B8C

■ 558B87

■ A98B8D

■ 478B85

■ B78B8F

■ 3A8B84

■ C48B90

■ 2C8B83

■ D28B91

■ 1E8B82

■ E08B92

■ 108B81

■ EE8B93

■ 028B80

■ FC8B94

# Harmonies

## Analogous

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



818B86



7F8B8A



7F8B8E

# Triad

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



7F8B8A



8B878F



8E8781

# Complementary

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



7F8B8A



8B7F80

# 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.



918683



7F8B8A



8F868B

# Square

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



7F8B8A



868890



918687



8A8981

# Rectangle

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



7F8B8A



818A8F



918687



908781



# Sweetspot

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



7F8B8A



B0B5B5



808B7F



585C5B



DBDBDB



5C5C5C



# Same Dimension

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



7F8B8A



A3B5B4



7F868B



3E4544



00857A



000505



# Inverse Universe

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



8B7F80



B5A3A4



8B847F



453E3F



85000B



050000



# Previews

## White Background



This preview shows how the Hex color 7F8B8A looks on a white background.

## Color Contrast Check

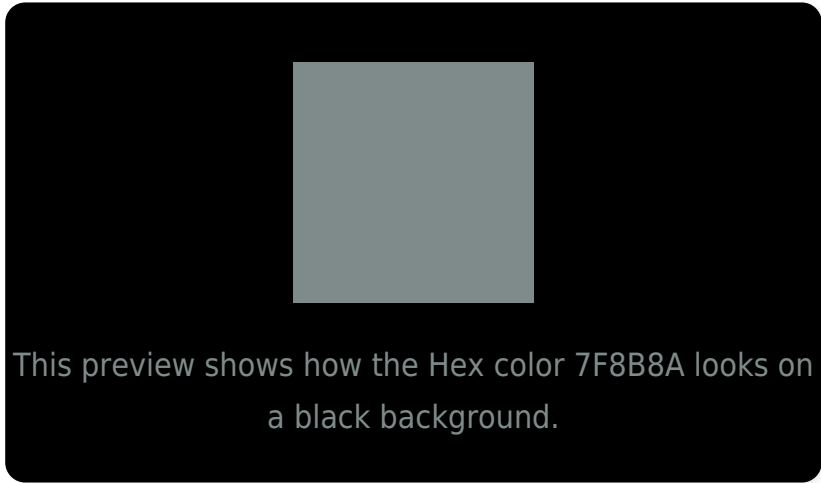
Large Text (above 18pt) WCAG AA ✓ Pass

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

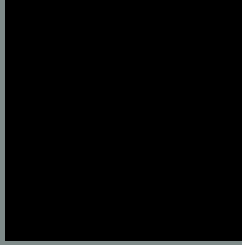
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

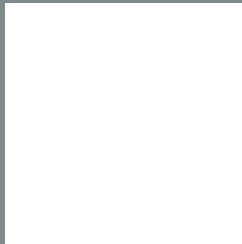
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7F8B8A Background



This preview shows how black text looks on a background with the Hex color 7F8B8A.



This preview shows how white text looks on a background with the Hex color 7F8B8A.

# 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**

7F8B8A

**Protanopia**

8B8888

**Deuteranopia**

94848B



**Tritanopia**  
818994

# Trichromacy



**Original Color**  
7F8B8A

**Protanomaly**  
878989

**Deuteranomaly**  
8C878B

**Tritanomaly**  
808A90

# Monochromacy



**Original Color**  
7F8B8A

**Achromatopsia**  
878787

**Achromatomaly**  
848888

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F8B8A 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 #7F8B8A looks like.

```
.text, #text, p{  
    color:#7F8B8A  
}
```

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 #7F8B8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F8B8A
}
```

## Border

The CSS property to change the border of an element to Hex 7F8B8A 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
#7F8B8A }
```

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

```
.border{ border-color:#7F8B8A }
```

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

Here you see how a box with a 4 pixel #7F8B8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F8B8A; -webkit-box-shadow:4px 4px  
4px 4px #7F8B8A; box-shadow:4px 4px 4px  
4px #7F8B8A }
```

# Background

The CSS property to change the background color of an element to Hex 7F8B8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F8B8A }
```

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

```
.background{ background-color:#7F8B8A }
```

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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