

Converting Colors

Hex(7B898F)

Have a look what the booklet for
Hex(7B898F) contains.

Hex(7B898F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(7B898F)

Conversions

Conversions Part 1

Format	Color
Hex	7B898F
RGB	123, 137, 143
RGB Percent	48%, 54%, 56%
CMY	0.5176, 0.4627, 0.4392
CMYK	0.14, 0.04, 0.00, 0.44
HSL	198°, 8%, 52%
HSV	198°, 14%, 56%
XYZ	22.0720, 24.0854, 29.4722
YIQ	133.4980, -10.2700, -1.1020

Conversions

Conversions Part 2

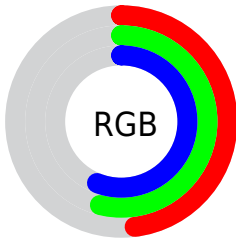
Format	Color
R_{YB}	123, 131, 143
Decimal	8096143
CIE _{Lab}	56.17, -3.76, -4.94
CIE _{LCh}	56, 6.207, 232.695
Yxy	24.0854, 0.2918, 0.3185
Android (android.graphics.Color)	4286286223 (0xFF7B898F)
YUV	133.4980, 4.6845, -9.2067
Hunter-Lab	49.0769, -5.6056, -1.2517

Details

The Hex color **7B898F** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8F817B**, and the grayscale version is **858585**.

A 20% lighter version of the original color is **B0BEC5**, and **4A575D** is the 20% darker color. If you saturate the color by 10%, you get **6D858F**, and if you desaturate by 10%, it is **898D8F**.

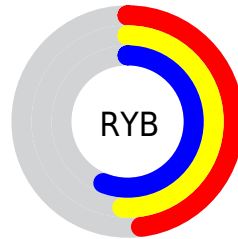
Distribution



Red (48%)

Green (54%)

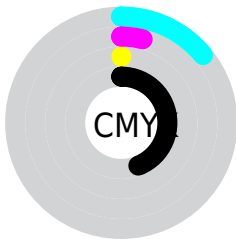
Blue (56%)



Red (48%)

Yellow (51%)

Blue (56%)

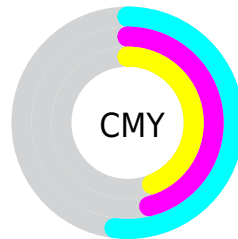


Cyan (14%)

Magenta (4%)

Yellow (0%)

Black (44%)



Cyan (52%)

Magenta (46%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7B898F 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 7B898F by changing the saturation by 10% instead.

■ 7B898F

■ 7B898F

FFFFFF

■ 627075

■ B0BEC5

■ 4A575D

■ CBDAE1

■ 334045

■ E7F7FD

■ 1E2A2F

■ 07161A

■ 000000

■ 7B898F

■ 7B898F

■ 6D858F

■ 898D8F

■ 5E808F

■ 98928F

■ 507C8F

■ A6968F

■ 42788F

■ B49A8F

■ 33748F

■ C39E8F

■ 256F8F

■ D1A38F

■ 176B8F

■ DFA78F

■ 09678F

■ EDAB8F

■ 00648F

■ FCB08F

Harmonies

Analogous

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



7A8A8B



7B898F



808891

Triad

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



7B898F



918388



87887D

Complementary

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



7B898F



8F817B

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.



8D867C



7B898F



938383

Square

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



7B898F



8D848D



91847E



808980

Rectangle

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



7B898F



848691



91847E



89877C

Sweetspot

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



7B898F



B3B8BA



7B8F81



5A5D5E



DEDEDE



5E5E5E

Same Dimension

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



7B898F



9BB1BA



7B7F8F



404547



005F87



000508

Inverse Universe

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



8F7B89



BA9BB1



8F8B7B



474045



87005F



080005

Previews

White Background



This preview shows how the Hex color 7B898F looks on a white background.

Color Contrast Check

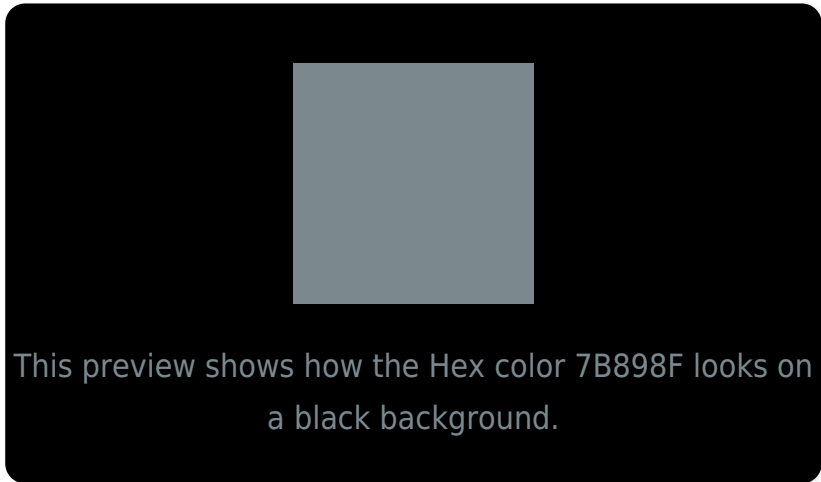
Large Text (above 18pt) WCAG AA ✓ Pass

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

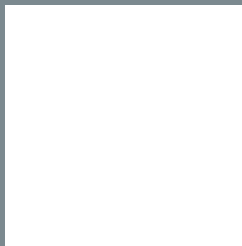
Any Text WCAG AAA × Fail

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

Hex 7B898F Background



This preview shows how black text looks on a background with the Hex color 7B898F.

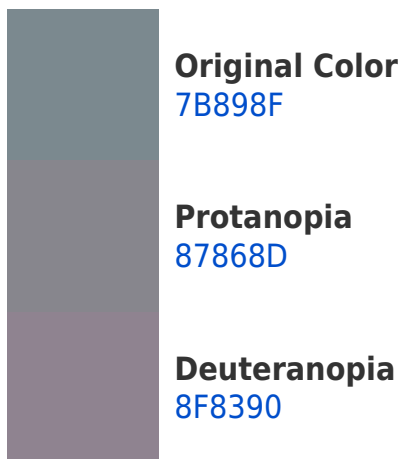


This preview shows how white text looks on a background with the Hex color 7B898F.

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





Tritanopia
7C8893

Trichromacy



Original Color
7B898F

Protanomaly
83878E

Deuteranomaly
888590

Tritanomaly
7C8892

Monochromacy



Original Color
7B898F

Achromatopsia
858585

Achromatomaly
818689

CSS Examples

Text

The CSS property to change the color of the text to Hex 7B898F 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 #7B898F looks like.

```
.text, #text, p{  
    color:#7B898F  
}
```

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 #7B898F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7B898F
}
```

Border

The CSS property to change the border of an element to Hex 7B898F 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
#7B898F }
```

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

```
.border{ border-color:#7B898F }
```

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

Here you see how a box with a 4 pixel #7B898F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7B898F; -webkit-box-shadow:4px 4px  
4px 4px #7B898F; box-shadow:4px 4px 4px  
4px #7B898F }
```

Background

The CSS property to change the background color of an element to Hex 7B898F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7B898F }
```

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

```
.background{ background-color:#7B898F }
```

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