

Converting Colors

Hex(7F808F)

Have a look what the booklet for
Hex(7F808F) contains.

Hex(7F808F)	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(7F808F)

Conversions

Conversions Part 1

Format	Color
Hex	7F808F
RGB	127, 128, 143
RGB Percent	50%, 50%, 56%
CMY	0.5020, 0.4980, 0.4392
CMYK	0.11, 0.10, 0.00, 0.44
HSL	236°, 7%, 53%
HSV	236°, 11%, 56%
XYZ	21.4295, 21.9335, 29.0907
YIQ	129.4110, -5.4110, 4.4530

Conversions

Conversions Part 2

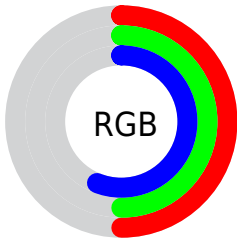
Format	Color
R_{YB}	127, 128, 143
Decimal	8355983
CIE Lab	53.96, 2.78, -8.20
CIE LCh	54, 8.658, 288.742
Yxy	21.9335, 0.2958, 0.3027
Android (android.graphics.Color)	4286546063 (0xFF7F808F)
YUV	129.4110, 6.6994, -2.1144
Hunter-Lab	46.8333, -0.2820, -4.0450

Details

The Hex color **7F808F** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8F8E7F**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **B4B5C5**, and **4E4F5D** is the 20% darker color. If you saturate the color by 10%, you get **71738F**, and if you desaturate by 10%, it is **8D8D8F**.

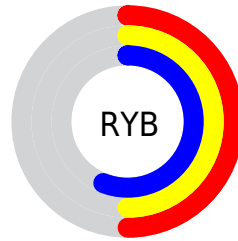
Distribution



Red (50%)

Green (50%)

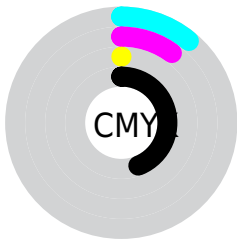
Blue (56%)



Red (50%)

Yellow (50%)

Blue (56%)

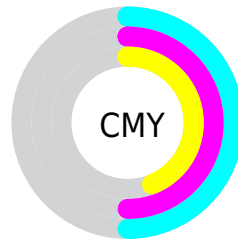


Cyan (11%)

Magenta (10%)

Yellow (0%)

Black (44%)



Cyan (50%)

Magenta (50%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 7F808F 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 7F808F by changing the saturation by 10% instead.

■ 7F808F

■ 7F808F

FFFFFF

■ 666775

■ B4B5C5

■ 4E4F5D

■ CFD0E1

■ 373845

■ ECEDFD

■ 21232F

■ 0C0D1A

■ 000000

■ 7F808F

■ 7F808F

■ 71738F

■ 8D8D8F

■ 62658F

■ 9C9B8F

■ 54588F

■ AAA88F

■ 464A8F

■ B8B68F

■ 383D8F

■ C7C38F

■ 29308F

■ D5D08F

■ 1B228F

■ E3DE8F

■ 0D158F

■ F1EB8F

■ 00098F

■ FFF98F

Harmonies

Analogous

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



76828F



7F808F



887E8B

Triad

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



7F808F



8F7D76



72857E

Complementary

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



7F808F



8F8E7F

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.



798477



7F808F



8A7F72

Square

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



7F808F



917C7C



828273



6E8585

Rectangle

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



7F808F



8D7D87



828273



74857B

Sweetspot

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



7F808F



B5B5BA



7F8F8E



5B5B5E



DEDEDE



5E5E5E

Same Dimension

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



7F808F



A2A3BA



867F8F



404147



000887



000008

Inverse Universe

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



8F7F80



BAA2A3



888F7F



474041



870008



080000

Previews

White Background



This preview shows how the Hex color 7F808F looks on a white background.

Color Contrast Check

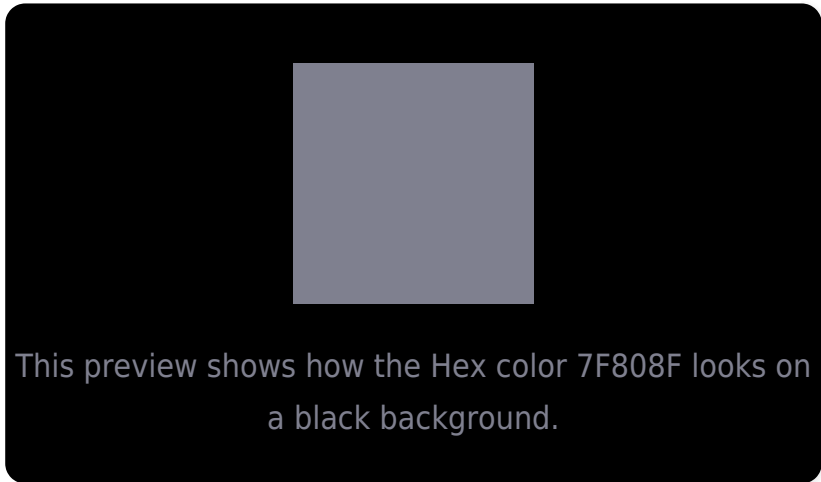
Large Text (above 18pt) WCAG AA ✓ Pass

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

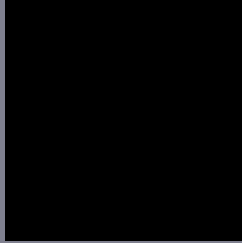
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

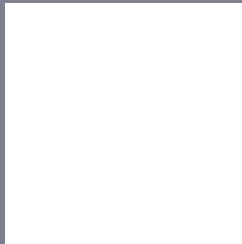
Any Text WCAG AAA × Fail

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

Hex 7F808F Background



This preview shows how black text looks on a background with the Hex color 7F808F.



This preview shows how white text looks on a background with the Hex color 7F808F.

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
7F808F

Protanopia
7F808F

Deuteranopia
877D90



Tritanopia
7E818B

Trichromacy



Original Color
7F808F

Protanomaly
7F808F

Deuteranomaly
847E90

Tritanomaly
7E818C

Monochromacy



Original Color
7F808F

Achromatopsia
818181

Achromatomaly
808186

CSS Examples

Text

The CSS property to change the color of the text to Hex 7F808F 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 #7F808F looks like.

```
.text, #text, p{  
    color:#7F808F  
}
```

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 #7F808F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F808F
}
```

Border

The CSS property to change the border of an element to Hex 7F808F 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
#7F808F }
```

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

```
.border{ border-color:#7F808F }
```

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

Here you see how a box with a 4 pixel #7F808F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F808F; -webkit-box-shadow:4px 4px  
4px 4px #7F808F; box-shadow:4px 4px 4px  
4px #7F808F }
```

Background

The CSS property to change the background color of an element to Hex 7F808F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F808F }
```

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

```
.background{ background-color:#7F808F }
```

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