

# Converting Colors

Hex(7F838F)

Have a look what the booklet for  
Hex(7F838F) contains.

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# Color

**Hex(7F838F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7F838F
RGB	127, 131, 143
RGB Percent	50%, 51%, 56%
CMY	0.5020, 0.4863, 0.4392
CMYK	0.11, 0.08, 0.00, 0.44
HSL	225°, 7%, 53%
HSV	225°, 11%, 56%
XYZ	21.8266, 22.7278, 29.2231
YIQ	131.1720, -6.2360, 2.8840

# Conversions

## Conversions Part 2

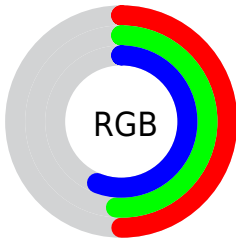
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	127, 130, 143
Decimal	8356751
CIE <sub>Lab</sub>	54.79, 1.05, -6.96
CIE <sub>LCh</sub>	55, 7.035, 278.613
Yxy	22.7278, 0.2958, 0.3081
Android (android.graphics.Color)	4286546831 (0xFF7F838F)
YUV	131.1720, 5.8312, -3.6588
Hunter-Lab	47.6737, -1.7056, -2.9721

# Details

The Hex color **7F838F** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **8F8B7F**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **B4B8C5**, and **4E525D** is the 20% darker color. If you saturate the color by 10%, you get **71788F**, and if you desaturate by 10%, it is **8D8E8F**.

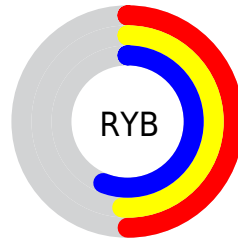
# Distribution



Red (50%)

Green (51%)

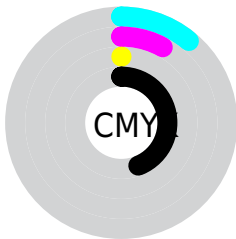
Blue (56%)



Red (50%)

Yellow (51%)

Blue (56%)

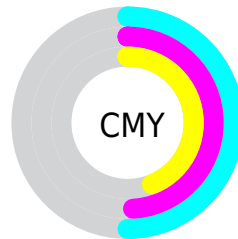


Cyan (11%)

Magenta (8%)

Yellow (0%)

Black (44%)



Cyan (50%)

Magenta (49%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F838F 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 7F838F by changing the saturation by 10% instead.



■ 7F838F

■ 7F838F

FFFFFF

■ 666A75

■ B4B8C5

■ 4E525D

■ CFD4E1

■ 373B45

■ ECF0FD

■ 21252F

■ 0C101A

■ 000000

■ 7F838F

■ 7F838F

■ 71788F

■ 8D8E8F

■ 626E8F

■ 9C988F

■ 54638F

■ AAA38F

■ 46588F

■ B8AE8F

■ 384D8F

■ C7B98F

■ 29438F

■ D5C38F

■ 1B388F

■ E3CE8F

■ 0D2D8F

■ F1D98F

■ 00248F

■ FFE48F

# Harmonies

## Analogous

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



78858E



7F838F



87818D

# Triad

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



7F838F



90807C



79867E

# Complementary

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



7F838F



8F8B7F

# 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.



7F857A



7F838F



8C8178

# Square

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



7F838F



907F81



868377



758785

# Rectangle

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



7F838F



8B808A



868377



7B867D



# Sweetspot

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



7F838F



B5B6BA



7F8F8B



5B5C5E



DEDEDE



5E5E5E



# Same Dimension

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



7F838F



A2A8BA



837F8F



404247



002287



000208



# Inverse Universe

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



8F7F83



BAA2A8



8B8F7F



474042



870022



080002



# Previews

## White Background



This preview shows how the Hex color 7F838F looks on a white background.

## Color Contrast Check

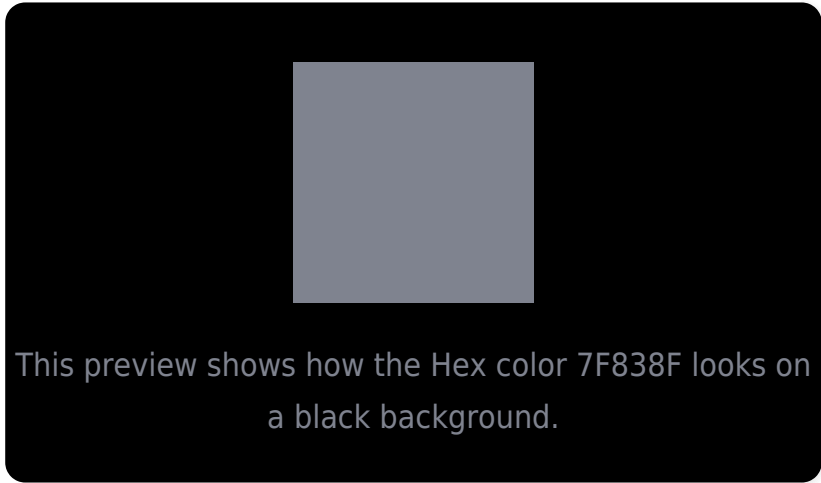
Large Text (above 18pt) WCAG AA ✓ Pass

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

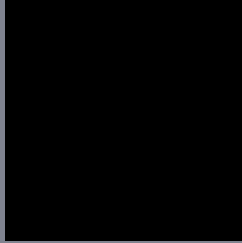
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

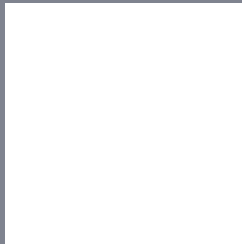
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7F838F Background



This preview shows how black text looks on a background with the Hex color 7F838F.



This preview shows how white text looks on a background with the Hex color 7F838F.

# 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**

7F838F

**Protanopia**

82828E

**Deuteranopia**

8A7F90



**Tritanopia**  
7F838E

# Trichromacy



**Original Color**  
7F838F

**Protanomaly**  
81828E

**Deuteranomaly**  
868090

**Tritanomaly**  
7F838E

# Monochromacy



**Original Color**  
7F838F

**Achromatopsia**  
838383

**Achromatomaly**  
828387

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F838F 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 #7F838F looks like.

```
.text, #text, p{  
    color:#7F838F  
}
```

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 #7F838F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F838F
}
```

## Border

The CSS property to change the border of an element to Hex 7F838F is called "border". The border property can be set on classes, ids or directly on the HTML element.

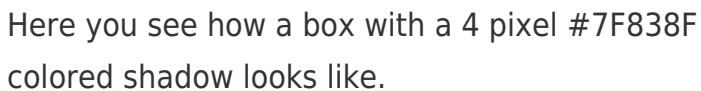
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#7F838F }
```

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

```
.border{ border-color:#7F838F }
```

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



Here you see how a box with a 4 pixel #7F838F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F838F; -webkit-box-shadow:4px 4px  
4px 4px #7F838F; box-shadow:4px 4px 4px  
4px #7F838F }
```

# Background

The CSS property to change the background color of an element to Hex 7F838F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F838F }
```

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

```
.background{ background-color:#7F838F }
```

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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