

# Converting Colors

Hex(7F8F90)

Have a look what the booklet for  
Hex(7F8F90) contains.

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# Color

**Hex(7F8F90)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7F8F90
RGB	127, 143, 144
RGB Percent	50%, 56%, 56%
CMY	0.5020, 0.4392, 0.4353
CMYK	0.12, 0.01, 0.00, 0.44
HSL	184°, 7%, 53%
HSV	184°, 12%, 56%
XYZ	23.6089, 26.1706, 30.1927
YIQ	138.3300, -9.8570, -3.0810

# Conversions

## Conversions Part 2

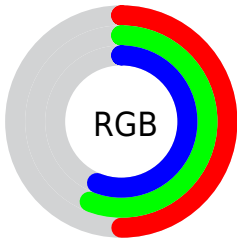
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	127, 135, 144
Decimal	8359824
CIE <sub>Lab</sub>	58.20, -5.52, -2.49
CIE <sub>LCh</sub>	58, 6.054, 204.298
Yxy	26.1706, 0.2952, 0.3272
Android (android.graphics.Color)	4286549904 (0xFF7F8F90)
YUV	138.3300, 2.7953, -9.9364
Hunter-Lab	51.1572, -7.1478, 0.8174

# Details

The Hex color **7F8F90** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **90807F**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **B4C5C6**, and **4E5D5E** is the 20% darker color. If you saturate the color by 10%, you get **718E90**, and if you desaturate by 10%, it is **8D9090**.

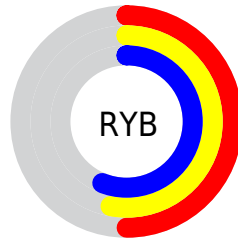
# Distribution



Red (50%)

Green (56%)

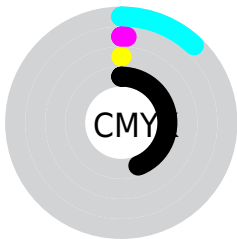
Blue (56%)



Red (50%)

Yellow (53%)

Blue (56%)

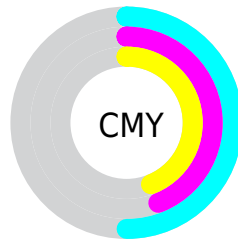


Cyan (12%)

Magenta (1%)

Yellow (0%)

Black (44%)



Cyan (50%)

Magenta (44%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F8F90 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 7F8F90 by changing the saturation by 10% instead.



■ 7F8F90

■ 7F8F90

FFFFFF

■ 667576

■ B4C5C6

■ 4E5D5E

■ CFE1E2

■ 374546

■ ECFDFE

■ 212F30

■ 0C1A1B

■ 000000

■ 7F8F90

■ 7F8F90

■ 718E90

■ 8D9090

■ 628D90

■ 9C9190

548C90

AA9290

458C90

B99290

378B90

C79390

298A90

D59490

1A8990

E49590

0C8890

F29690

008890

FF9790

# Harmonies

## Analogous

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



818F8B



7F8F90



818E94

# Triad

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



7F8F90



928992



928B81

# Complementary

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



7F8F90



90807F

# 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.



968A83



7F8F90



96888D

# Square

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



7F8F90



8C8B95



988988



8C8D82

# Rectangle

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



7F8F90



848D96



988988



938B82



# Sweetspot

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



7F8F90



B3BABA



7F9080



5A5E5E



DEDEDE



5E5E5E



# Same Dimension

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



7F8F90



A0B9BA



7F8790



404747



007F87



000708



# Inverse Universe

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



907F8F



BAA0B9



90887F



474047



87007F



080007



# Previews

## White Background



This preview shows how the Hex color 7F8F90 looks on a white background.

## Color Contrast Check

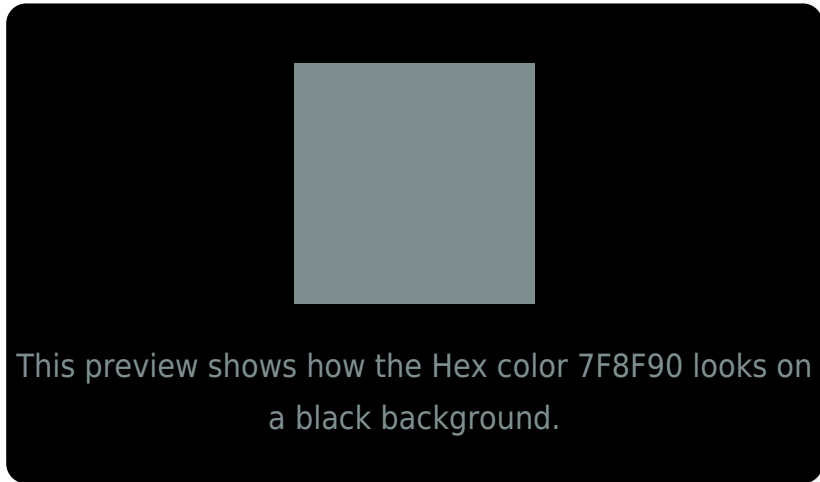
Large Text (above 18pt) WCAG AA ✓ Pass

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

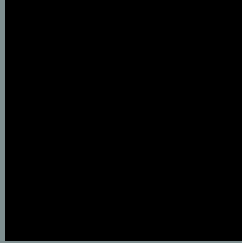
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

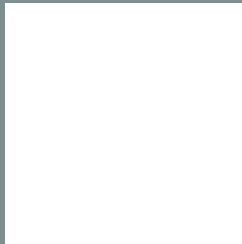
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7F8F90 Background



This preview shows how black text looks on a background with the Hex color 7F8F90.

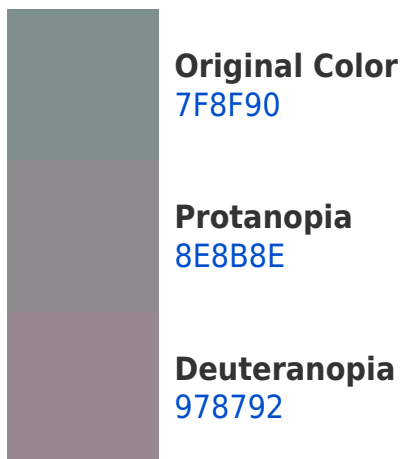


This preview shows how white text looks on a background with the Hex color 7F8F90.

# 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**  
818E99

# Trichromacy



**Original Color**  
7F8F90

**Protanomaly**  
898C8F

**Deuteranomaly**  
8E8A91

**Tritanomaly**  
808E96

# Monochromacy



**Original Color**  
7F8F90

**Achromatopsia**  
8A8A8A

**Achromatomaly**  
868C8C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F8F90 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 #7F8F90 looks like.

```
.text, #text, p{  
    color:#7F8F90  
}
```

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 #7F8F90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F8F90
}
```

## Border

The CSS property to change the border of an element to Hex 7F8F90 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
#7F8F90 }
```

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

```
.border{ border-color:#7F8F90 }
```

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

Here you see how a box with a 4 pixel #7F8F90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F8F90; -webkit-box-shadow:4px 4px  
4px 4px #7F8F90; box-shadow:4px 4px 4px  
4px #7F8F90 }
```

# Background

The CSS property to change the background color of an element to Hex 7F8F90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F8F90 }
```

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

```
.background{ background-color:#7F8F90 }
```

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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