

# Converting Colors

Hex(7F899E)

Have a look what the booklet for  
Hex(7F899E) contains.

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# Color

**Hex(7F899E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7F899E
RGB	127, 137, 158
RGB Percent	50%, 54%, 62%
CMY	0.5020, 0.4627, 0.3804
CMYK	0.20, 0.13, 0.00, 0.38
HSL	221°, 14%, 56%
HSV	221°, 20%, 62%
XYZ	23.8696, 24.8720, 35.8905
YIQ	136.4040, -12.7010, 4.4110

# Conversions

## Conversions Part 2

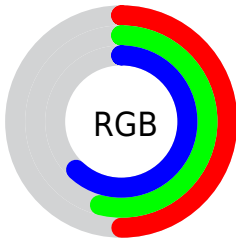
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	127, 135, 158
Decimal	8358302
CIE <sub>Lab</sub>	56.95, 1.01, -12.38
CIE <sub>LCh</sub>	57, 12.421, 274.685
Yxy	24.8720, 0.2820, 0.2939
Android (android.graphics.Color)	4286548382 (0xFF7F899E)
YUV	136.4040, 10.6468, -8.2473
Hunter-Lab	49.8718, -1.8421, -7.7580

# Details

The Hex color **7F899E** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **9E947F**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **B4BED5**, and **4D576B** is the 20% darker color. If you saturate the color by 10%, you get **6F7E9E**, and if you desaturate by 10%, it is **8F949E**.

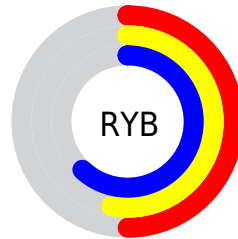
# Distribution



Red (50%)

Green (54%)

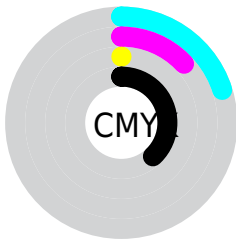
Blue (62%)



Red (50%)

Yellow (53%)

Blue (62%)

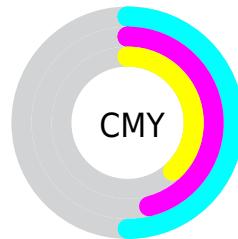


Cyan (20%)

Magenta (13%)

Yellow (0%)

Black (38%)



Cyan (50%)

Magenta (46%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F899E 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 7F899E by changing the saturation by 10% instead.





7F899E



7F899E

FFFFFF



667084



B4BED5



4D576B



D0DAF1



364052



ECF7FF



202A3B



0A1626



000110



000000



7F899E



7F899E



6F7E9E



8F949E

■ 5F749E

■ 9F9E9E

■ 50699E

■ AEA99E

■ 405E9E

■ BEB49E

■ 30539E

■ CEBF9E

■ 20499E

■ DEC99E

■ 103E9E

■ EED49E

■ 01339E

■ FDDF9E

■ 00339E

■ FFE99E

# Harmonies

## Analogous

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



738C9C



7F899E



8D859A

# Triad

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



7F899E



9F827D



778E7F

# Complementary

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



7F899E



9E947F

# 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.



838C77



7F899E



9A8575

# Square

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



7F899E



9F8187



908873



6F8F8A

# Rectangle

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



7F899E



958395



908873



7B8D7C

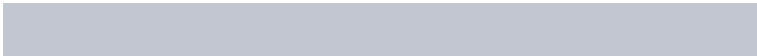


# Sweetspot

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



7F899E



C2C6CF



7F9E94



616469



E8E8E8



696969



# Same Dimension

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



7F899E



9DADCF



847F9E



474A4F



002E8F



00050F



# Inverse Universe

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



9E7F89



CF9DAD



999E7F



4F474A



8F002E



0F0005



# Previews

## White Background



This preview shows how the Hex color 7F899E looks on a white background.

## Color Contrast Check

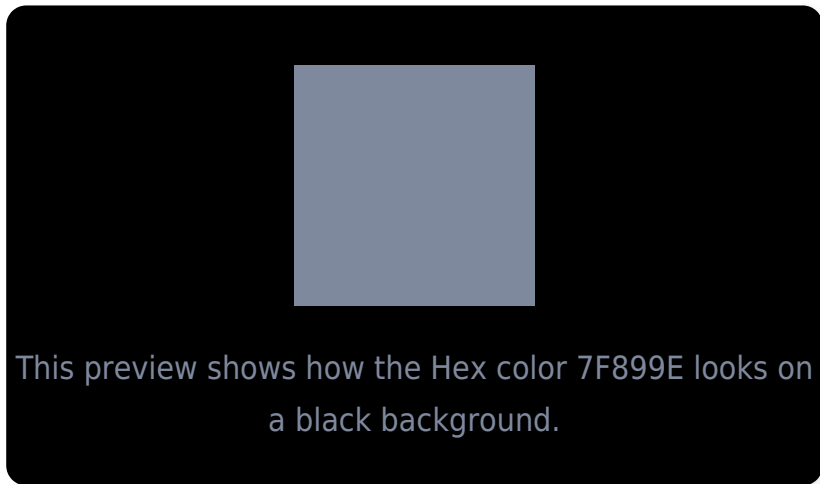
Large Text (above 18pt) WCAG AA ✓ Pass

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

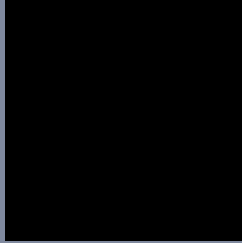
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 7F899E Background



This preview shows how black text looks on a background with the Hex color 7F899E.



This preview shows how white text looks on a background with the Hex color 7F899E.

# 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**

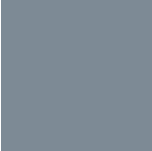
7F899E

**Protanopia**

85879D

**Deuteranopia**

8B859F



**Tritanopia**  
7D8A95

# Trichromacy



**Original Color**  
7F899E

**Protanomaly**  
83889D

**Deuteranomaly**  
87869F

**Tritanomaly**  
7E8A98

# Monochromacy



**Original Color**  
7F899E

**Achromatopsia**  
888888

**Achromatomaly**  
858890

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F899E 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 #7F899E looks like.

```
.text, #text, p{  
    color:#7F899E  
}
```

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 #7F899E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F899E
}
```

## Border

The CSS property to change the border of an element to Hex 7F899E 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
#7F899E }
```

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

```
.border{ border-color:#7F899E }
```

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

Here you see how a box with a 4 pixel #7F899E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F899E; -webkit-box-shadow:4px 4px  
4px 4px #7F899E; box-shadow:4px 4px 4px  
4px #7F899E }
```

# Background

The CSS property to change the background color of an element to Hex 7F899E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F899E }
```

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

```
.background{ background-color:#7F899E }
```

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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