

# Converting Colors

Hex(878E7F)

Have a look what the booklet for  
Hex(878E7F) contains.

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# Color

**Hex(878E7F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	878E7F
RGB	135, 142, 127
RGB Percent	53%, 56%, 50%
CMY	0.4706, 0.4431, 0.5020
CMYK	0.05, 0.00, 0.11, 0.44
HSL	88°, 6%, 53%
HSV	88°, 11%, 56%
XYZ	23.4954, 26.0292, 23.8645
YIQ	138.1970, 0.6430, -6.1490

# Conversions

## Conversions Part 2

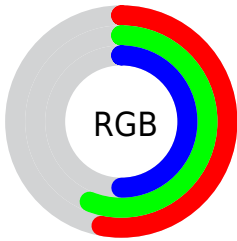
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	127, 142, 134
Decimal	8883839
CIE Lab	58.06, -5.45, 7.11
CIE LCh	58, 8.958, 127.438
Yxy	26.0292, 0.3201, 0.3547
Android (android.graphics.Color)	4287073919 (0xFF878E7F)
YUV	138.1970, -5.5201, -2.8038
Hunter-Lab	51.0188, -7.0792, 7.9798

# Details

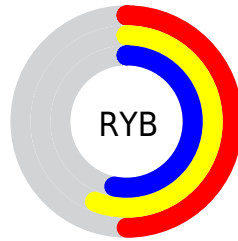
The Hex color **878E7F** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **867F8E**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **BCC4B4**, and **555C4E** is the 20% darker color. If you saturate the color by 10%, you get **808E71**, and if you desaturate by 10%, it is **8E8E8D**.

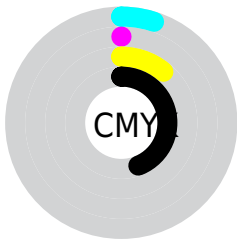
# Distribution



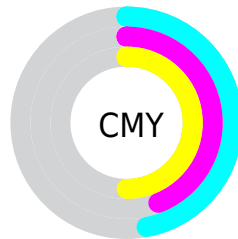
- Red (53%)
- Green (56%)
- Blue (50%)



- Red (50%)
- Yellow (56%)
- Blue (53%)



- Cyan (5%)
- Magenta (0%)
- Yellow (11%)
- Black (44%)



- Cyan (47%)
- Magenta (44%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 878E7F 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 878E7F by changing the saturation by 10% instead.





878E7F



878E7F

FFFFFF



6E7466



BCC4B4



555C4E



D8E0CF



3E4437



F4FCEB



282E22



14190C



000000



878E7F



878E7F



808E71



8E8E8D



7A8E63



948E9B

 738E54

 9B8EAA

 6C8E46

 A28EB8

 668E38

 A88EC6

 5F8E2A

 AF8ED4

 598E1C

 B58EE2

 528E0D

 BC8EF1

 4C8E00

 C38EFF

# Harmonies

## Analogous

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



908C7C



878E7F



7F9085

# Triad

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



878E7F



7D8E9A



9C868A

# Complementary

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



878E7F



867F8E

# 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.



988792



878E7F



868C9B

# Square

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



878E7F



789095



908998



9C8782

# Rectangle

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



878E7F



7A908B



908998



9B868C



# Sweetspot

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



878E7F



B5B8B2



8E867F



5A5C58



DBDBDB



5C5C5C



# Same Dimension

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



878E7F



ACB8A0



7F8E7F



444740



488700



040800



# Inverse Universe

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



867F8E



ABA0B8



8E7F8E



444047



3F0087

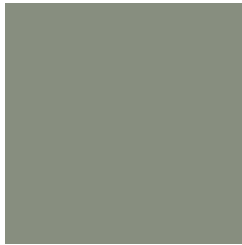


040008



# Previews

## White Background



This preview shows how the Hex color 878E7F looks on a white background.

## Color Contrast Check

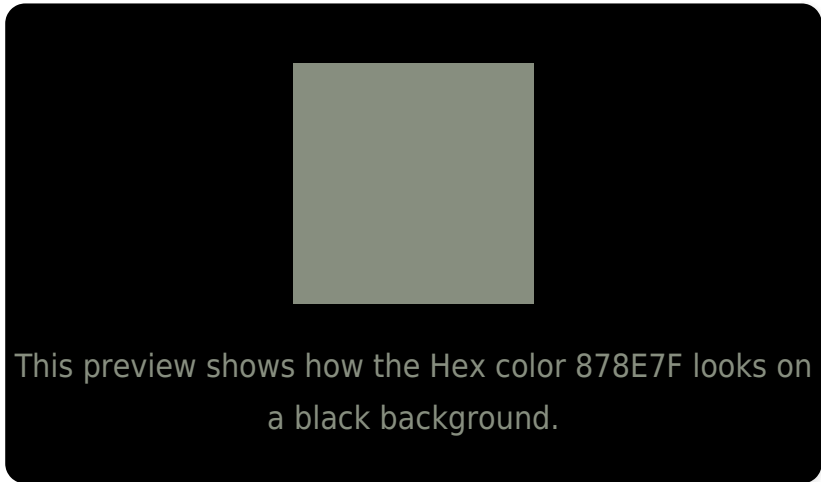
Large Text (above 18pt) WCAG AA ✓ Pass

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

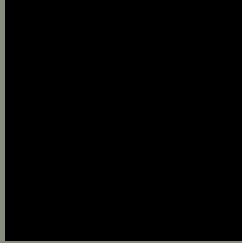
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

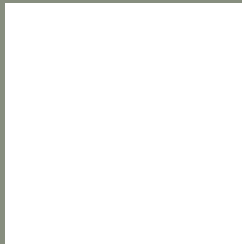
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 878E7F Background



This preview shows how black text looks on a background with the Hex color 878E7F.

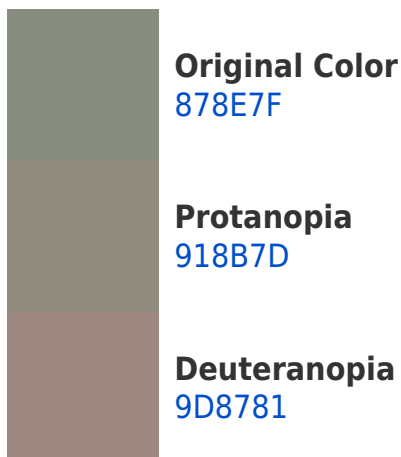


This preview shows how white text looks on a background with the Hex color 878E7F.

# 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](#).

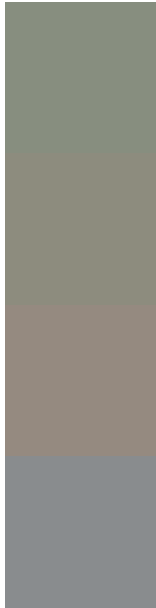
## Dichromacy





**Tritanopia**  
8A8B96

# Trichromacy



**Original Color**  
878E7F

**Protanomaly**  
8D8C7E

**Deuteranomaly**  
958A80

**Tritanomaly**  
898C8E

# Monochromacy



**Original Color**  
878E7F

**Achromatopsia**  
8A8A8A

**Achromatomaly**  
898B86

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 878E7F 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 #878E7F looks like.

```
.text, #text, p{  
    color:#878E7F  
}
```

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 #878E7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #878E7F  
}
```

## Border

The CSS property to change the border of an element to Hex 878E7F is called "border". The border property can be set on classes, ids or directly on the HTML element.

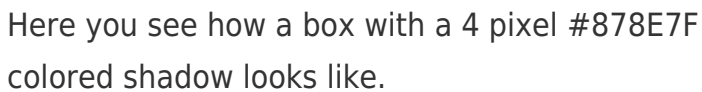
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#878E7F }
```

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

```
.border{ border-color:#878E7F }
```

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



Here you see how a box with a 4 pixel #878E7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #878E7F; -webkit-box-shadow:4px 4px  
4px 4px #878E7F; box-shadow:4px 4px 4px  
4px #878E7F }
```

# Background

The CSS property to change the background color of an element to Hex 878E7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#878E7F }
```

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

```
.background{ background-color:#878E7F }
```

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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