

# Converting Colors

Hex(7F8FAE)

Have a look what the booklet for  
Hex(7F8FAE) contains.

<b>Hex(7F8FAE)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(7F8FAE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7F8FAE
RGB	127, 143, 174
RGB Percent	50%, 56%, 68%
CMY	0.5020, 0.4392, 0.3176
CMYK	0.27, 0.18, 0.00, 0.32
HSL	220°, 22%, 59%
HSV	220°, 27%, 68%
XYZ	26.2148, 27.2129, 43.9154
YIQ	141.7500, -19.4870, 6.2490

# Conversions

## Conversions Part 2

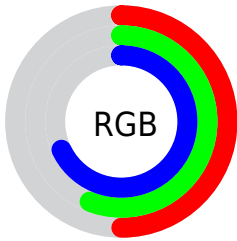
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	127, 139, 174
Decimal	8359854
CIE <sub>Lab</sub>	59.17, 1.45, -18.16
CIE <sub>LCh</sub>	59, 18.222, 274.577
Yxy	27.2129, 0.2693, 0.2796
Android (android.graphics.Color)	4286549934 (0xFF7F8FAE)
YUV	141.7500, 15.8993, -12.9358
Hunter-Lab	52.1660, -1.5895, -13.3964

# Details

The Hex color **7F8FAE** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **AE9E7F**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **B5C5E6**, and **4D5D7A** is the 20% darker color. If you saturate the color by 10%, you get **6E84AE**, and if you desaturate by 10%, it is **909AAE**.

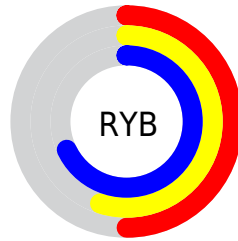
# Distribution



Red (50%)

Green (56%)

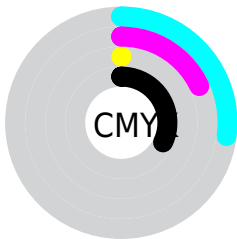
Blue (68%)



Red (50%)

Yellow (55%)

Blue (68%)

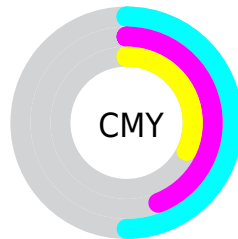


Cyan (27%)

Magenta (18%)

Yellow (0%)

Black (32%)



Cyan (50%)

Magenta (44%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 7F8FAE 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 7F8FAE by changing the saturation by 10% instead.



■ 7F8FAE

■ 7F8FAE

FFFFFF

■ 657593

■ B5C5E6

■ 4D5D7A

■ D0E1FF

■ 354561

■ EDFDFF

■ 1D2F49

■ 041B32

■ 00021D

■ 000000

■ 7F8FAE

■ 7F8FAE

■ 6E84AE

■ 909AAE

■ 5C78AE

■ A2A6AE

■ 4B6DAE

■ B3B1AE

■ 3961AE

■ C5BDAE

■ 2856AE

■ D6C8AE

■ 174AAE

■ E7D4AE

■ 053FAE

■ F9DFAE

■ 003BAE

■ FFEBAE

■ FFF6AE

# Harmonies

## Analogous

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



6C94AB



7F8FAE



948AA9

# Triad

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



7F8FAE



AF857D



749680

# Complementary

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



7F8FAE



AE9E7F

# 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.



869374



7F8FAE



A68972

# Square

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



7F8FAE



AF838C



988E6F



669890

# Rectangle

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



7F8FAE



A086A1



988E6F



7A957B

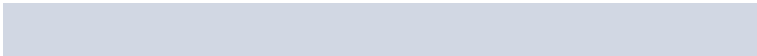


# Sweetspot

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



7F8FAE



D1D7E3



7FAE9E



676B73



F2F2F2



737373



# Same Dimension

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



7F8FAE



9AB3E3



867FAE



4E5157



003396



000817



# Inverse Universe

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



AE7F8F



E39AB3



A7AE7F



574E51



960033

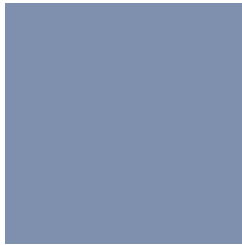


170008



# Previews

## White Background



This preview shows how the Hex color 7F8FAE looks on a white background.

## Color Contrast Check

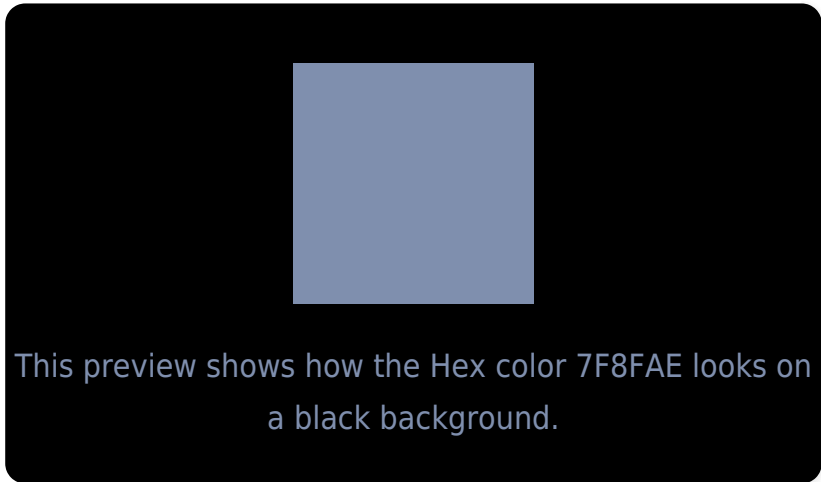
Large Text (above 18pt) WCAG AA ✓ Pass

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

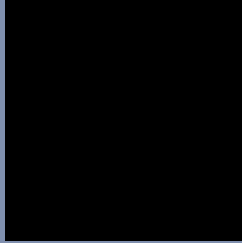
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

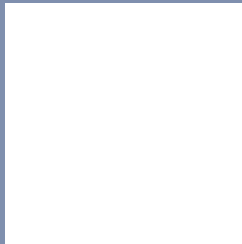
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 7F8FAE Background



This preview shows how black text looks on a background with the Hex color 7F8FAE.



This preview shows how white text looks on a background with the Hex color 7F8FAE.

# 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**  
7F8FAE

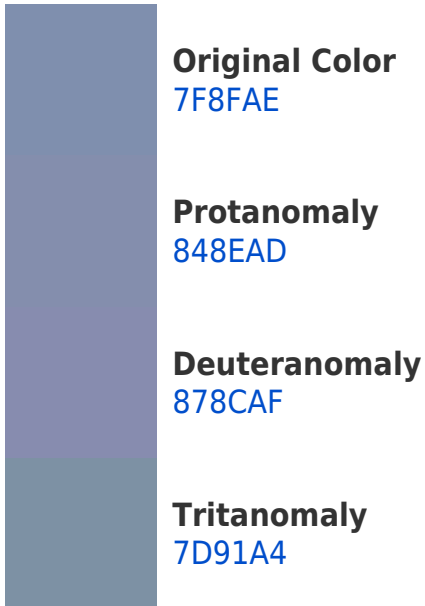
**Protanopia**  
878DAD

**Deuteranopia**  
8C8BAF



**Tritanopia**  
7C929E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 7F8FAE 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 #7F8FAE looks like.

```
.text, #text, p{  
    color:#7F8FAE  
}
```

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 #7F8FAE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #7F8FAE
}
```

## Border

The CSS property to change the border of an element to Hex 7F8FAE 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
#7F8FAE }
```

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

```
.border{ border-color:#7F8FAE }
```

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

Here you see how a box with a 4 pixel #7F8FAE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #7F8FAE; -webkit-box-shadow:4px 4px  
4px 4px #7F8FAE; box-shadow:4px 4px 4px  
4px #7F8FAE }
```

# Background

The CSS property to change the background color of an element to Hex 7F8FAE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#7F8FAE }
```

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

```
.background{ background-color:#7F8FAE }
```

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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