

# Converting Colors

Hex(3F8EAE)

Have a look what the booklet for  
Hex(3F8EAE) contains.

<b>Hex(3F8EAE)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(3F8EAE)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3F8EAE
RGB	63, 142, 174
RGB Percent	25%, 56%, 68%
CMY	0.7529, 0.4431, 0.3176
CMYK	0.64, 0.18, 0.00, 0.32
HSL	197°, 47%, 46%
HSV	197°, 64%, 68%
XYZ	19.3629, 23.4588, 43.5519
YIQ	122.0270, -57.3560, -6.7960

# Conversions

## Conversions Part 2

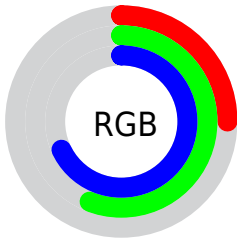
<b>Format</b>	<b>Color</b>
<b>RYB</b>	63, 109, 174
Decimal	4165294
CIELab	55.54, -14.17, -24.01
CIELCh	56, 27.879, 239.460
Yxy	23.4588, 0.2242, 0.2716
Android (android.graphics.Color)	4282355374 (0xFF3F8EAE)
YUV	122.0270, 25.6227, -51.7667
Hunter-Lab	48.4342, -13.3998, -19.4093

# Details

The Hex color **3F8EAE** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **AE5F3F**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **7AC4E6**, and **005C79** is the 20% darker color. If you saturate the color by 10%, you get **2E89AE**, and if you desaturate by 10%, it is **5093AE**.

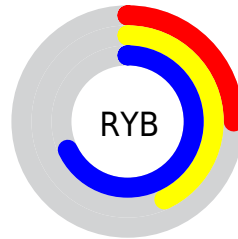
# Distribution



Red (25%)

Green (56%)

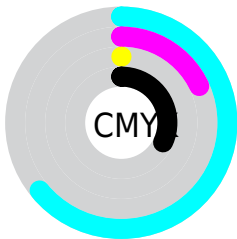
Blue (68%)



Red (25%)

Yellow (43%)

Blue (68%)

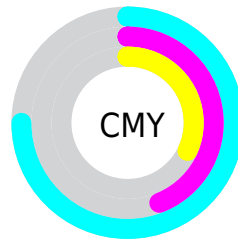


Cyan (64%)

Magenta (18%)

Yellow (0%)

Black (32%)



Cyan (75%)

Magenta (44%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3F8EAE 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 3F8EAE by changing the saturation by 10% instead.



■ 3F8EAE

■ 3F8EAE

FFFFFF

■ 1B7493

■ 7AC4E6

■ 005C79

■ 96E0FF

■ 004461

■ B3FCFF

■ 002E49

■ D0FFFF

■ 001A32

■ EDFFFF

■ 00021D

■ 000000

■ 3F8EAE

■ 3F8EAE

■ 2E89AE

■ 5093AE

■ 1C84AE

■ 6298AE

■ 0B7FAE

■ 739DAE

■ 007CAE

■ 85A2AE

■ 96A7AE

■ A7ACAE

■ B9B1AE

■ CAB6AE

■ DCBBAE

# Harmonies

## Analogous

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



30929C



3F8EAE



6387B5

# Triad

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



3F8EAE



B37386



7D8B5A

# Complementary

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



3F8EAE



AE5F3F

# 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.



968355



3F8EAE



B4756E

# Square

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



3F8EAE



A3779E



AA7B5C



60906C

# Rectangle

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



3F8EAE



7C82B2



AA7B5C



868857



# Sweetspot

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



3F8EAE



B8D7E3



3FAE5E



586B73



F2F2F2



737373



# Same Dimension

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



3F8EAE



34B1E3



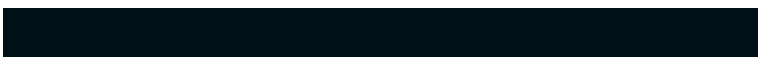
3F57AE



4E5457



006B96



001017



# Inverse Universe

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



AE3F8E



E334B1



AE963F



574E54



96006B



170010



# Previews

## White Background



This preview shows how the Hex color 3F8EAE looks on a white background.

## Color Contrast Check

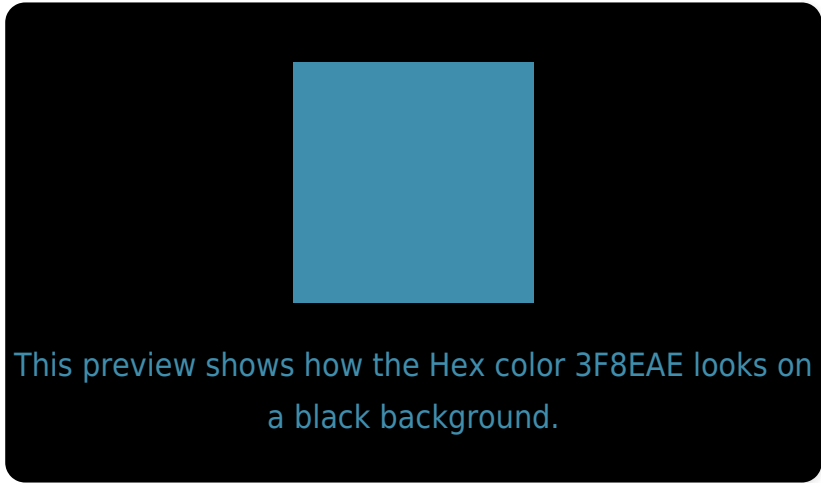
Large Text (above 18pt) WCAG AA ✓ Pass

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

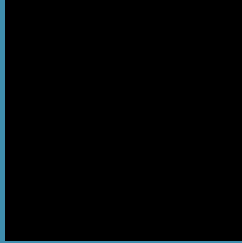
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 3F8EAE Background



This preview shows how black text looks on a background with the Hex color 3F8EAE.



This preview shows how white text looks on a background with the Hex color 3F8EAE.

# 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](#).

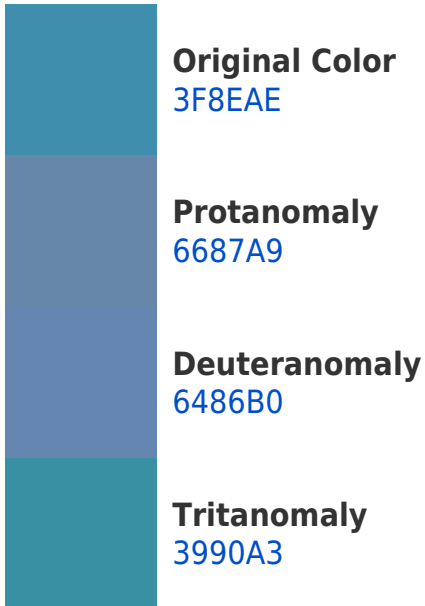
## Dichromacy



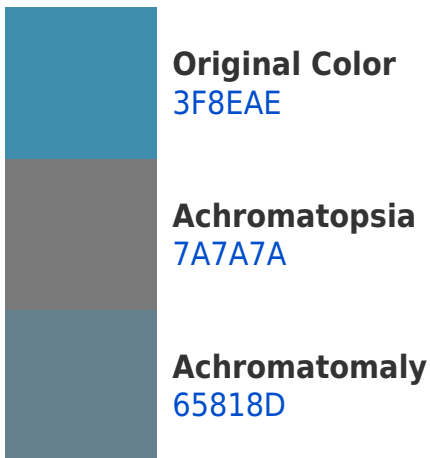


**Tritanopia**  
36919D

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3F8EAE 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 #3F8EAE looks like.

```
.text, #text, p{  
    color:#3F8EAE  
}
```

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 #3F8EAE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3F8EAE
}
```

## Border

The CSS property to change the border of an element to Hex 3F8EAE 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
#3F8EAE }
```

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

```
.border{ border-color:#3F8EAE }
```

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

Here you see how a box with a 4 pixel #3F8EAE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3F8EAE; -webkit-box-shadow:4px 4px  
4px 4px #3F8EAE; box-shadow:4px 4px 4px  
4px #3F8EAE }
```

# Background

The CSS property to change the background color of an element to Hex 3F8EAE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3F8EAE }
```

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

```
.background{ background-color:#3F8EAE }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor