

Converting Colors

Hex(3E8E9C)

Have a look what the booklet for
Hex(3E8E9C) contains.

Hex(3E8E9C)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3E8E9C)

Conversions

Conversions Part 1

Format	Color
Hex	3E8E9C
RGB	62, 142, 156
RGB Percent	24%, 56%, 61%
CMY	0.7569, 0.4431, 0.3882
CMYK	0.60, 0.09, 0.00, 0.39
HSL	189°, 43%, 43%
HSV	189°, 60%, 61%
XYZ	17.6604, 22.7704, 34.9168
YIQ	119.6760, -52.1740, -12.6060

Conversions

Conversions Part 2

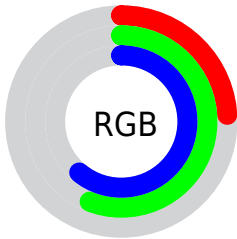
Format	Color
R _Y B	62, 105, 156
Decimal	4099740
CIE Lab	54.84, -20.01, -14.77
CIE LCh	55, 24.868, 216.425
Yxy	22.7704, 0.2344, 0.3022
Android (android.graphics.Color)	4282289820 (0xFF3E8E9C)
YUV	119.6760, 17.9077, -50.5819
Hunter-Lab	47.7184, -17.4451, -9.9812

Details

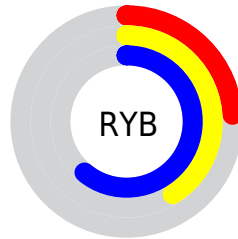
The Hex color **3E8E9C** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9C4C3E**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **77C4D2**, and **005B69** is the 20% darker color. If you saturate the color by 10%, you get **2E8C9C**, and if you desaturate by 10%, it is **4E909C**.

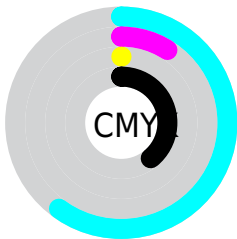
Distribution



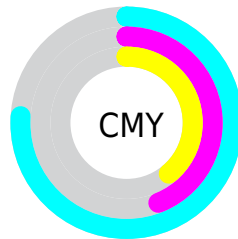
- Red (24%)
- Green (56%)
- Blue (61%)



- Red (24%)
- Yellow (41%)
- Blue (61%)



- Cyan (60%)
- Magenta (9%)
- Yellow (0%)
- Black (39%)



- Cyan (76%)
- Magenta (44%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E8E9C 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 3E8E9C by changing the saturation by 10% instead.

■ 3E8E9C

■ 3E8E9C

FFFFFF

■ 1D7482

■ 77C4D2

■ 005B69

■ 93E0EF

■ 004451

■ AFFDFF

■ 002D3A

■ CCFFFF

■ 001A24

■ E9FFFF

■ 00010E

■ 000000

■ 3E8E9C

■ 3E8E9C

■ 2E8C9C

■ 4E909C

■ 1F899C

■ 5D939C

■ 0F879C

■ 6D959C

■ 00859C

■ 7C979C

■ 8C9A9C

■ 9C9C9C

■ AB9E9C

■ BBA19C

■ CAA39C

Harmonies

Analogous

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



478F87



3E8E9C



4F8AAA

Triad

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



3E8E9C



A37695



8E8358

Complementary

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



3E8E9C



9C4C3E

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.



A17C5C



3E8E9C



AD737F

Square

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



3E8E9C



8C7CA6



AC766B



768A60

Rectangle

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



3E8E9C



6386AE



AC766B



958158

Sweetspot

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



3E8E9C



A7C7CC



3E9C4B



506366



E6E6E6



666666

Same Dimension

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



3E8E9C



39B6CC



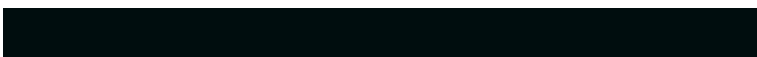
3E609C



474E4F



007A8F



000D0F

Inverse Universe

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



9C3E8E



CC39B6



9C7A3E



4F474E



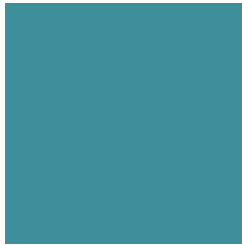
8F007A



0F000D

Previews

White Background



This preview shows how the Hex color 3E8E9C looks on a white background.

Color Contrast Check

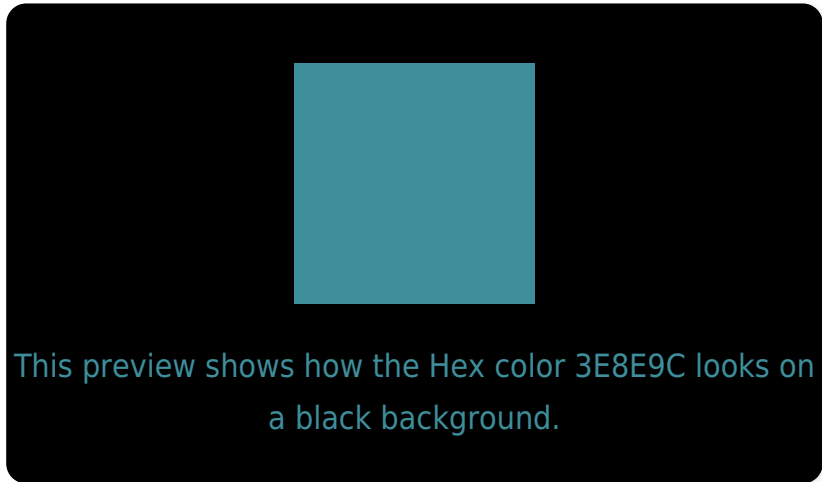
Large Text (above 18pt) WCAG AA ✓ Pass

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

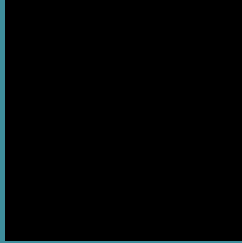
Any Text WCAG AA ✓ Pass

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 3E8E9C Background



This preview shows how black text looks on a background with the Hex color 3E8E9C.

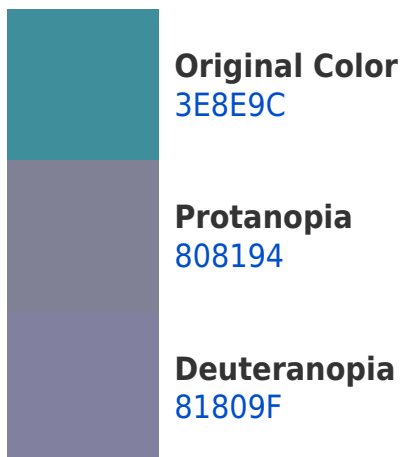


This preview shows how white text looks on a background with the Hex color 3E8E9C.

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



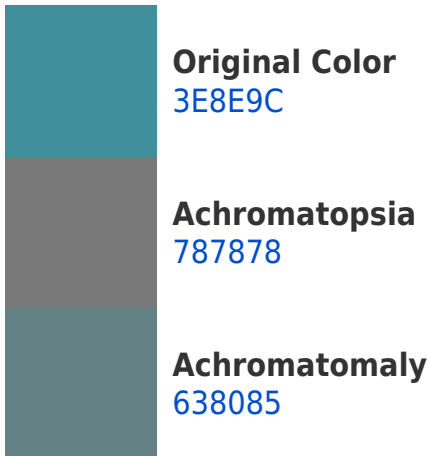


Tritanopia
3D8E9A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3E8E9C 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 #3E8E9C looks like.

```
.text, #text, p{  
    color:#3E8E9C  
}
```

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 #3E8E9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E8E9C
}
```

Border

The CSS property to change the border of an element to Hex 3E8E9C 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
#3E8E9C }
```

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

```
.border{ border-color:#3E8E9C }
```

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

Here you see how a box with a 4 pixel #3E8E9C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E8E9C; -webkit-box-shadow:4px 4px  
4px 4px #3E8E9C; box-shadow:4px 4px 4px  
4px #3E8E9C }
```

Background

The CSS property to change the background color of an element to Hex 3E8E9C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E8E9C }
```

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

```
.background{ background-color:#3E8E9C }
```

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