

Converting Colors

Hex(3E9A8F)

Have a look what the booklet for
Hex(3E9A8F) contains.

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Color

Hex(3E9A8F)

Conversions

Conversions Part 1

Format	Color
Hex	3E9A8F
RGB	62, 154, 143
RGB Percent	24%, 60%, 56%
CMY	0.7569, 0.3961, 0.4392
CMYK	0.60, 0.00, 0.07, 0.40
HSL	173°, 43%, 42%
HSV	173°, 60%, 60%
XYZ	18.5001, 26.1185, 30.0529
YIQ	125.2380, -51.3010, -22.9250

Conversions

Conversions Part 2

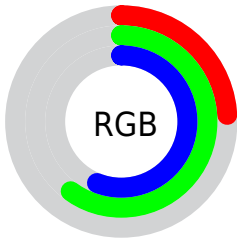
Format	Color
RYB	62, 111, 154
Decimal	4102799
CIELab	58.15, -29.84, -2.37
CIELCh	58, 29.937, 184.550
Yxy	26.1185, 0.2478, 0.3498
Android (android.graphics.Color)	4282292879 (0xFF3E9A8F)
YUV	125.2380, 8.7567, -55.4597
Hunter-Lab	51.1063, -24.8201, 0.9090

Details

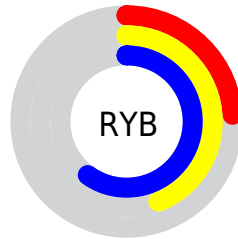
The Hex color **3E9A8F** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9A3E49**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **77D1C5**, and **00665D** is the 20% darker color. If you saturate the color by 10%, you get **2F9A8D**, and if you desaturate by 10%, it is **4D9A91**.

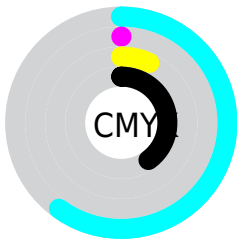
Distribution



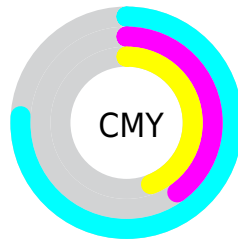
- Red (24%)
- Green (60%)
- Blue (56%)



- Red (24%)
- Yellow (44%)
- Blue (60%)



- Cyan (60%)
- Magenta (0%)
- Yellow (7%)
- Black (40%)



- Cyan (76%)
- Magenta (40%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E9A8F 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 3E9A8F by changing the saturation by 10% instead.



3E9A8F



3E9A8F

FFFFFF



1D8075



77D1C5



00665D



93EDE1



004E45



B0FFFD



00362F



CCFFF



00221A



EAFF



000000



3E9A8F



3E9A8F



2F9A8D



4D9A91



1F9A8B



5D9A93

109A89

6C9A95

009A88

7C9A96

8B9A98

9A9A9A

AA9A9C

B99A9E

C99AA0

Harmonies

Analogous

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



5E9874



3E9A8F



2B99A9

Triad

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



3E9A8F



9484B7



B0825D

Complementary

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



3E9A8F



9A3E49

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.



BD7B6F



3E9A8F



B07BA3

Square

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



3E9A8F



6E8DC0



BE7889



9A8B57

Rectangle

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



3E9A8F



3896B6



BE7889



B68062

Sweetspot

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



3E9A8F



A5C9C5



4A9A3E



506663



E6E6E6



666666

Same Dimension

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



3E9A8F



38C9B8



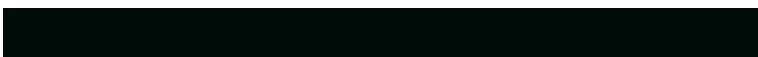
3E789A



454D4C



008C7B



000D0B

Inverse Universe

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



9A3E49



C9384A



9A603E



4D4546



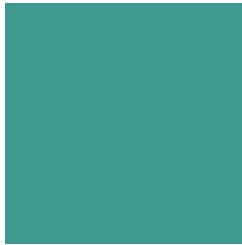
8C0011



0D0002

Previews

White Background



This preview shows how the Hex color 3E9A8F 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

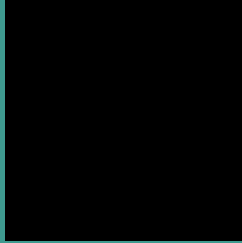
Any Text WCAG AA ✓ Pass

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 3E9A8F Background



This preview shows how black text looks on a background with the Hex color 3E9A8F.

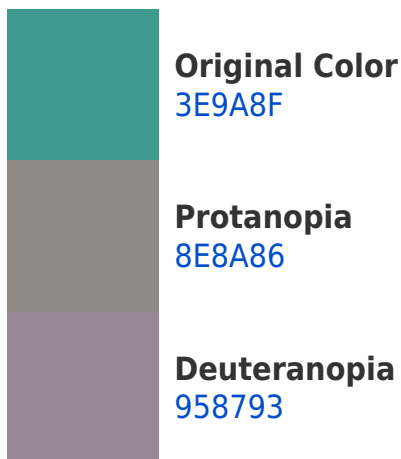


This preview shows how white text looks on a background with the Hex color 3E9A8F.

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



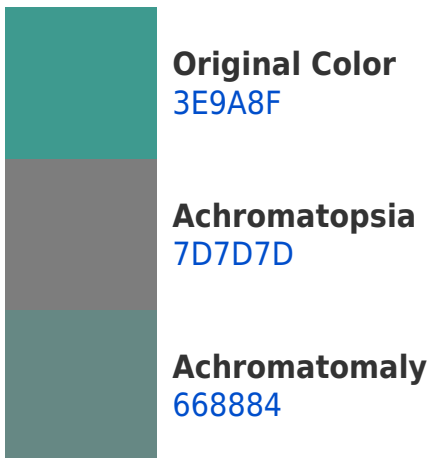


Tritanopia
4697A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3E9A8F 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 #3E9A8F looks like.

```
.text, #text, p{  
    color:#3E9A8F  
}
```

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 #3E9A8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E9A8F
}
```

Border

The CSS property to change the border of an element to Hex 3E9A8F 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
#3E9A8F }
```

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

```
.border{ border-color:#3E9A8F }
```

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

Here you see how a box with a 4 pixel #3E9A8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E9A8F; -webkit-box-shadow:4px 4px  
4px 4px #3E9A8F; box-shadow:4px 4px 4px  
4px #3E9A8F }
```

Background

The CSS property to change the background color of an element to Hex 3E9A8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E9A8F }
```

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

```
.background{ background-color:#3E9A8F }
```

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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