

# Converting Colors

Hex(3E9E8D)

Have a look what the booklet for  
Hex(3E9E8D) contains.

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# Color

**Hex(3E9E8D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3E9E8D
RGB	62, 158, 141
RGB Percent	24%, 62%, 55%
CMY	0.7569, 0.3804, 0.4471
CMYK	0.61, 0.00, 0.11, 0.38
HSL	169°, 44%, 43%
HSV	169°, 61%, 62%
XYZ	19.0212, 27.4009, 29.4857
YIQ	127.3580, -51.7590, -25.6390

# Conversions

## Conversions Part 2

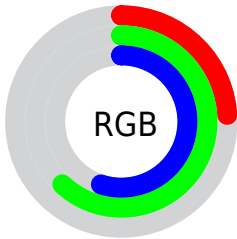
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	62, 115, 158
Decimal	4103821
CIE Lab	59.34, -32.29, 0.51
CIE LCh	59, 32.299, 179.097
Yxy	27.4009, 0.2506, 0.3610
Android (android.graphics.Color)	4282293901 (0xFF3E9E8D)
YUV	127.3580, 6.7255, -57.3190
Hunter-Lab	52.3459, -26.7429, 3.2449

# Details

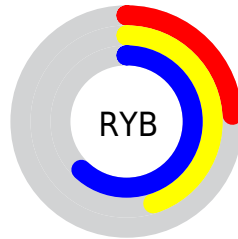
The Hex color **3E9E8D** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9E3E4F**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **77D5C3**, and **006A5B** is the 20% darker color. If you saturate the color by 10%, you get **2E9E8A**, and if you desaturate by 10%, it is **4E9E90**.

# Distribution



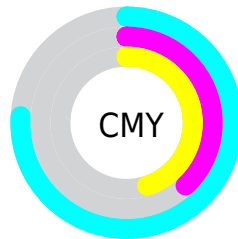
- Red (24%)
- Green (62%)
- Blue (55%)



- Red (24%)
- Yellow (45%)
- Blue (62%)



- Cyan (61%)
- Magenta (0%)
- Yellow (11%)
- Black (38%)



- Cyan (76%)
- Magenta (38%)
- Yellow (45%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3E9E8D 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 3E9E8D by changing the saturation by 10% instead.



 3E9E8D

 3E9E8D

FFFFFF

 1C8474

 77D5C3

 006A5B

 94F2DE

 005144

 B0FFFB

 00392D

 CDFFFF

 002519

 EAFFFF

 000000

 3E9E8D

 3E9E8D

 2E9E8A

 4E9E90

 1E9E87

 5E9E93

0F9E85

6D9E95

009E82

7D9E98

8D9E9B

9D9E9E

AD9EA1

BC9EA3

CC9EA6

# Harmonies

## Analogous

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



639B71



3E9E8D



1C9DA9

# Triad

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



3E9E8D



9188C0



B9835F

# Complementary

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



3E9E8D



9E3E4F

# 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.



C57B75



3E9E8D



B27EAC

# Square

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



3E9E8D



6592C7



C47991



A28D56

# Rectangle

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



3E9E8D



269BB9



C47991



BF8065



# Sweetspot

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



3E9E8D



A9CFC8



509E3E



526964



E8E8E8



696969



# Same Dimension

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



3E9E8D



38CFB4



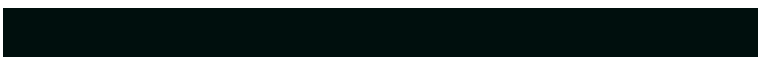
3E809E



474F4E



008F76



000F0D



# Inverse Universe

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



9E3E4F



CF3852



9E5C3E



4F4749



8F0019

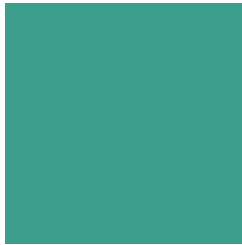


0F0003



# Previews

## White Background



This preview shows how the Hex color 3E9E8D looks on a white background.

## Color Contrast Check

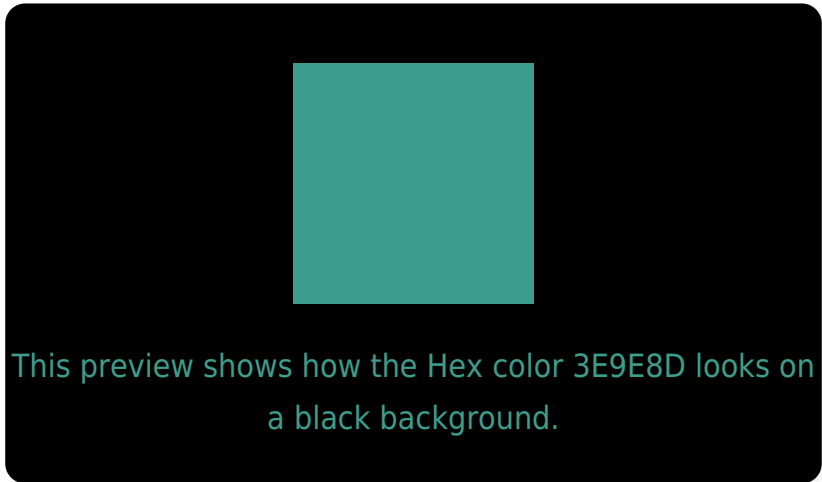
Large Text (above 18pt) WCAG AA ✓ Pass

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

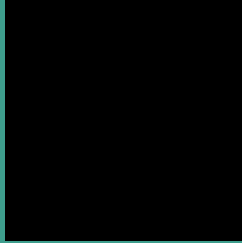
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 3E9E8D Background



This preview shows how black text looks on a background with the Hex color 3E9E8D.

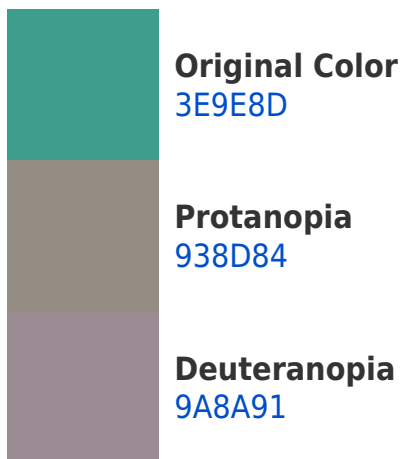


This preview shows how white text looks on a background with the Hex color 3E9E8D.

# 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](#).

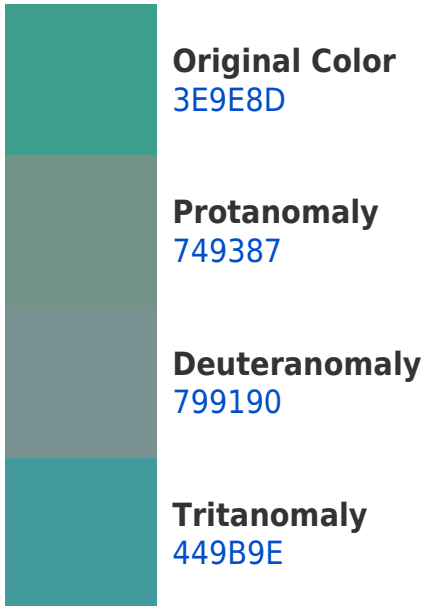
## Dichromacy



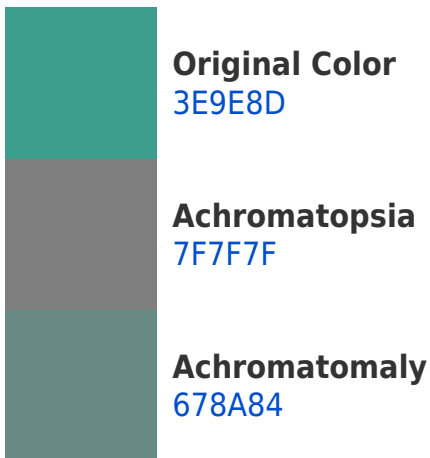


**Tritanopia**  
489AA7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3E9E8D 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 #3E9E8D looks like.

```
.text, #text, p{  
    color:#3E9E8D  
}
```

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 #3E9E8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E9E8D
}
```

## Border

The CSS property to change the border of an element to Hex 3E9E8D 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
#3E9E8D }
```

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

```
.border{ border-color:#3E9E8D }
```

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

Here you see how a box with a 4 pixel #3E9E8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E9E8D; -webkit-box-shadow:4px 4px  
4px 4px #3E9E8D; box-shadow:4px 4px 4px  
4px #3E9E8D }
```

# Background

The CSS property to change the background color of an element to Hex 3E9E8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E9E8D }
```

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

```
.background{ background-color:#3E9E8D }
```

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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