

# Converting Colors

Hex(3E9C88)

Have a look what the booklet for  
Hex(3E9C88) contains.

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# Color

Hex(3E9C88)

# Conversions

## Conversions Part 1

Format	Color
Hex	3E9C88
RGB	62, 156, 136
RGB Percent	24%, 61%, 53%
CMY	0.7569, 0.3882, 0.4667
CMYK	0.60, 0.00, 0.13, 0.39
HSL	167°, 43%, 43%
HSV	167°, 60%, 61%
XYZ	18.3190, 26.5786, 27.4572
YIQ	125.6140, -49.6040, -26.1480

# Conversions

## Conversions Part 2

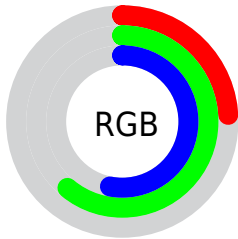
<b>Format</b>	<b>Color</b>
<b>RYB</b>	62, 115, 156
Decimal	4103304
CIELab	58.58, -32.66, 2.23
CIElCh	59, 32.733, 176.086
Yxy	26.5786, 0.2532, 0.3673
Android (android.graphics.Color)	4282293384 (0xFF3E9C88)
YUV	125.6140, 5.1203, -55.7895
Hunter-Lab	51.5545, -26.7934, 4.5111




# Details

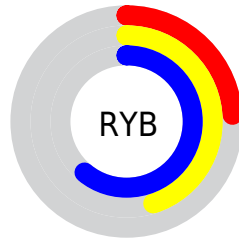
The Hex color **3E9C88** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9C3E52**, and the grayscale version is **7E7E7E**.




A 20% lighter version of the original color is **77D3BD**, and **006856** is the 20% darker color. If you saturate the color by 10%, you get **2E9C85**, and if you desaturate by 10%, it is **4E9C8B**.

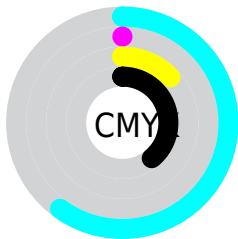
# Distribution







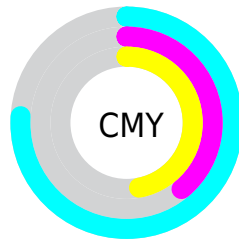
-  Red (24%)
-  Green (61%)
-  Blue (53%)






-  Red (24%)
-  Yellow (45%)
-  Blue (61%)



-  Cyan (60%)
-  Magenta (0%)
-  Yellow (13%)
-  Black (39%)



-  Cyan (76%)
-  Magenta (39%)
-  Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3E9C88 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 3E9C88 by changing the saturation by 10% instead.





3E9C88



3E9C88

FFFFFF



1D826F



77D3BD



006856



93F0D9



004F3F



AFFFF5



003829



CCFFFF



002315



E9FFFF



000000



3E9C88



3E9C88



2E9C85



4E9C8B



1F9C81



5D9C8F

0F9C7E

6D9C92

009C7B

7C9C95

8C9C99

9C9C9C

AB9C9F

BB9CA3

CA9CA6

# Harmonies

## Analogous

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



64996C



3E9C88



149CA5

# Triad

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



3E9C88



8B87C0



B9805E

# Complementary

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



3E9C88



9C3E52

# 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.



C47875



3E9C88



AE7DAD

# Square

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



3E9C88



5D91C6



C17792



A38A53

# Rectangle

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



3E9C88



199AB5



C17792



BE7D65



# Sweetspot

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



3E9C88



A7CCC4



529C3E



506661



E6E6E6



666666



# Same Dimension

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



3E9C88



39CCAD



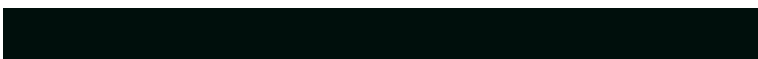
3E819C



474F4D



008F70



000F0C



# Inverse Universe

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



9C3E52



CC3958



9C593E



4F4749



8F001E

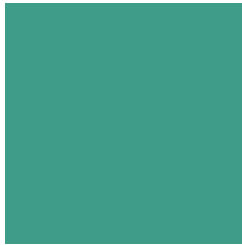


0F0003



# Previews

## White Background



This preview shows how the Hex color 3E9C88 looks on a white background.

## Color Contrast Check

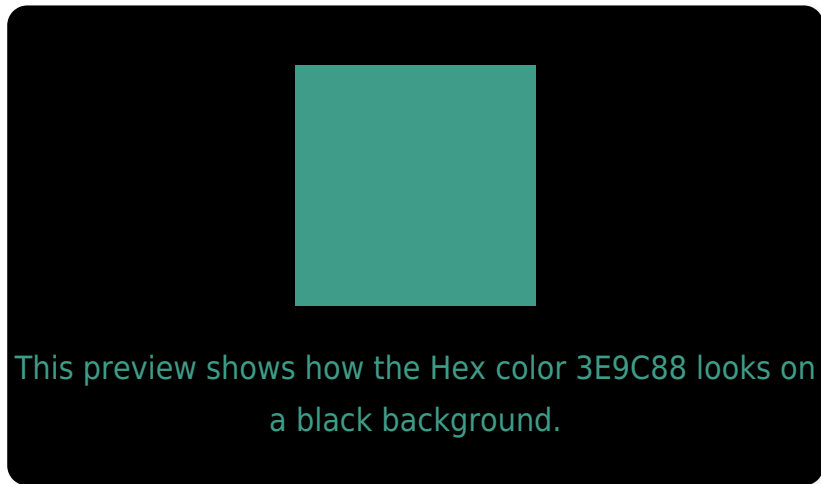
Large Text (above 18pt) WCAG AA ✓ Pass

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

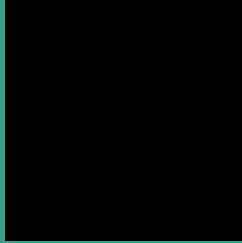
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 3E9C88 Background



This preview shows how black text looks on a background with the Hex color 3E9C88.

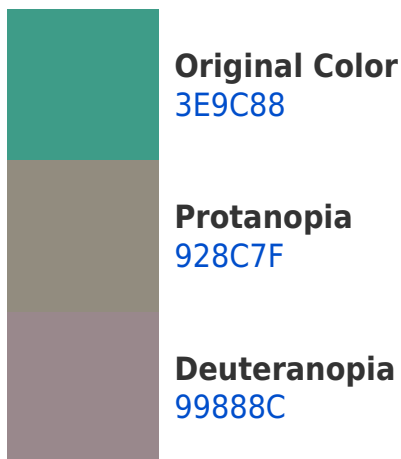


This preview shows how white text looks on a background with the Hex color 3E9C88.

# 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**  
4998A4

# Trichromacy



**Original Color**  
3E9C88



**Protanomaly**  
739282



**Deuteranomaly**  
788F8B



**Tritanomaly**  
45999A

# Monochromacy



**Original Color**  
3E9C88



**Achromatopsia**  
7E7E7E



**Achromatomaly**  
678982

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3E9C88 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 #3E9C88 looks like.

```
.text, #text, p{  
    color:#3E9C88  
}
```

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 #3E9C88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E9C88
}
```

## Border

The CSS property to change the border of an element to Hex 3E9C88 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
#3E9C88 }
```

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

```
.border{ border-color:#3E9C88 }
```

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

Here you see how a box with a 4 pixel #3E9C88 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E9C88; -webkit-box-shadow:4px 4px  
4px 4px #3E9C88; box-shadow:4px 4px 4px  
4px #3E9C88 }
```

# Background

The CSS property to change the background color of an element to Hex 3E9C88 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E9C88 }
```

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

```
.background{ background-color:#3E9C88 }
```

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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