

# Converting Colors

Hex(3E9E9B)

Have a look what the booklet for  
Hex(3E9E9B) contains.

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**Color**

**Hex(3E9E9B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3E9E9B
RGB	62, 158, 155
RGB Percent	24%, 62%, 61%
CMY	0.7569, 0.3804, 0.3922
CMYK	0.61, 0.00, 0.02, 0.38
HSL	178°, 44%, 43%
HSV	178°, 61%, 62%
XYZ	20.1299, 27.8444, 35.3239
YIQ	128.9540, -56.2530, -21.2850

# Conversions

## Conversions Part 2

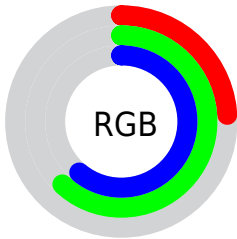
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	62, 111, 158
Decimal	4103835
CIE <sub>Lab</sub>	59.75, -28.46, -6.83
CIE <sub>LCh</sub>	60, 29.269, 193.485
Y <sub>xy</sub>	27.8444, 0.2417, 0.3343
Android (android.graphics.Color)	4282293915 (0xFF3E9E9B)
YUV	128.9540, 12.8407, -58.7187
Hunter-Lab	52.7678, -24.2495, -2.7525

# Details

The Hex color **3E9E9B** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9E3E41**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **78D5D1**, and **006A68** is the 20% darker color. If you saturate the color by 10%, you get **2E9E9B**, and if you desaturate by 10%, it is **4E9E9B**.

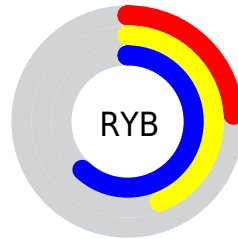
# Distribution



Red (24%)

Green (62%)

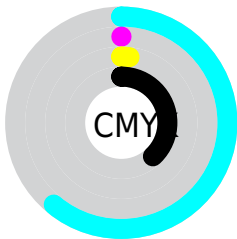
Blue (61%)



Red (24%)

Yellow (44%)

Blue (62%)

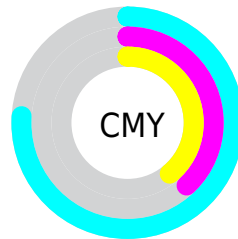


Cyan (61%)

Magenta (0%)

Yellow (2%)

Black (38%)



Cyan (76%)

Magenta (38%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3E9E9B 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 3E9E9B by changing the saturation by 10% instead.





3E9E9B



3E9E9B

FFFFFF



1A8481



78D5D1



006A68



95F2EE



005150



B1FFFF



003A39



CEFFFF



002424



ECFE9B



00010F



000000



3E9E9B



3E9E9B



2E9E9B



4E9E9B

■ 1E9E9A

■ 5E9E9C

■ 0F9E9A

■ 6D9E9C

■ 009E99

■ 7D9E9D

■ 8D9E9D

■ 9D9E9E

■ AD9E9E

■ BC9E9F

■ CC9E9F

# Harmonies

## Analogous

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



5A9D80



3E9E9B



399CB3

# Triad

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



3E9E9B



A285B5



AE895F

# Complementary

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



3E9E9B



9E3E41

# 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.



BE816E



3E9E9B



BA7E9F

# Square

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



3E9E9B



7F8EC2



C37D85



96925D

# Rectangle

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



3E9E9B



4A99BD



C37D85



B58663



# Sweetspot

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



3E9E9B



A9CFCD



419E3E



526968



E8E8E8



696969



# Same Dimension

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



3E9E9B



38CFCA



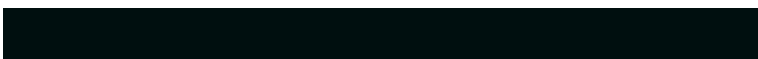
3E719E



474F4F



008F8A



000F0F



# Inverse Universe

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



9E3E41



CF383C



9E6B3E



4F4747



8F0004

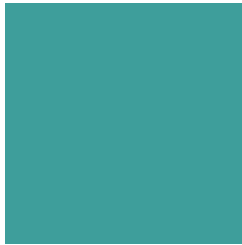


0F0000



# Previews

## White Background



This preview shows how the Hex color 3E9E9B looks on a white background.

## Color Contrast Check

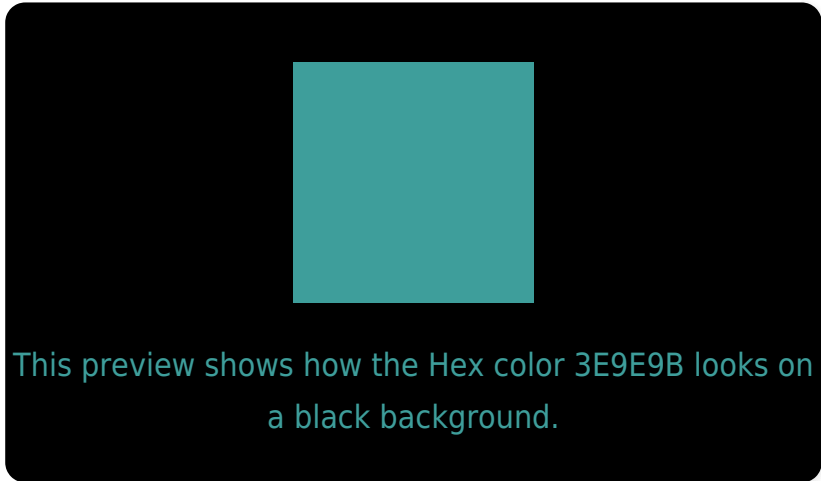
Large Text (above 18pt) WCAG AA ✓ Pass

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

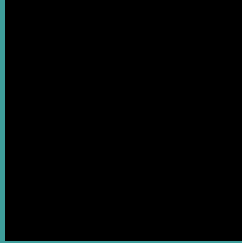
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 3E9E9B Background



This preview shows how black text looks on a background with the Hex color 3E9E9B.

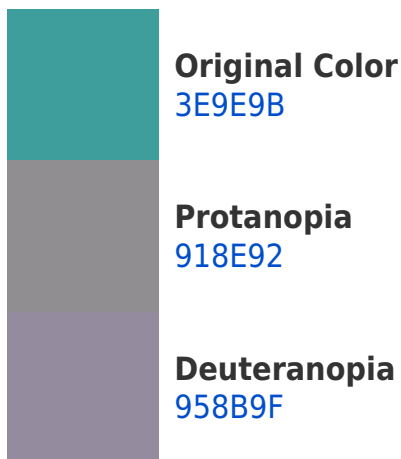


This preview shows how white text looks on a background with the Hex color 3E9E9B.

# 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**  
449CA9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3E9E9B 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 #3E9E9B looks like.

```
.text, #text, p{  
    color:#3E9E9B  
}
```

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 #3E9E9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E9E9B
}
```

## Border

The CSS property to change the border of an element to Hex 3E9E9B 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
#3E9E9B }
```

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

```
.border{ border-color:#3E9E9B }
```

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

Here you see how a box with a 4 pixel #3E9E9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E9E9B; -webkit-box-shadow:4px 4px  
4px 4px #3E9E9B; box-shadow:4px 4px 4px  
4px #3E9E9B }
```

# Background

The CSS property to change the background color of an element to Hex 3E9E9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E9E9B }
```

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

```
.background{ background-color:#3E9E9B }
```

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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