

# Converting Colors

Hex(3E9F88)

Have a look what the booklet for  
Hex(3E9F88) contains.

<b>Hex(3E9F88)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(3E9F88)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3E9F88
RGB	62, 159, 136
RGB Percent	24%, 62%, 53%
CMY	0.7569, 0.3765, 0.4667
CMYK	0.61, 0.00, 0.14, 0.38
HSL	166°, 44%, 43%
HSV	166°, 61%, 62%
XYZ	18.8287, 27.5980, 27.6271
YIQ	127.3750, -50.4290, -27.7170

# Conversions

## Conversions Part 2

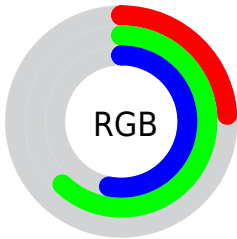
<b>Format</b>	<b>Color</b>
<b>RYB</b>	62, 117, 159
Decimal	4104072
CIELab	59.52, -34.06, 3.60
CIElCh	60, 34.251, 173.971
Yxy	27.5980, 0.2543, 0.3727
Android (android.graphics.Color)	4282294152 (0xFF3E9F88)
YUV	127.3750, 4.2521, -57.3339
Hunter-Lab	52.5338, -27.9578, 5.5935

# Details

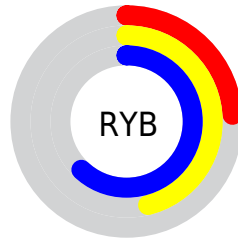
The Hex color **3E9F88** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9F3E55**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **77D6BD**, and **006B56** is the 20% darker color. If you saturate the color by 10%, you get **2E9F84**, and if you desaturate by 10%, it is **4E9F8C**.

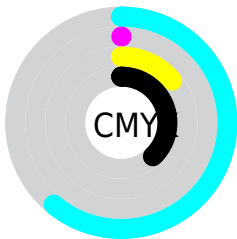
# Distribution



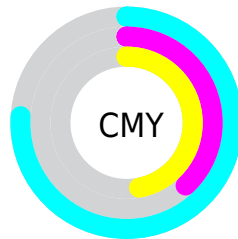
- Red (24%)
- Green (62%)
- Blue (53%)



- Red (24%)
- Yellow (46%)
- Blue (62%)



- Cyan (61%)
- Magenta (0%)
- Yellow (14%)
- Black (38%)



- Cyan (76%)
- Magenta (38%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3E9F88 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 3E9F88 by changing the saturation by 10% instead.





3E9F88



3E9F88

FFFFFF



1C846F



77D6BD



006B56



93F3D9



00523F



B0FFF5



003A29



CDFFFF



002515



EAFFFF



000000



3E9F88



3E9F88



2E9F84



4E9F8C



1E9F80



5E9F90

0E9F7D

6E9F93

009F79

7E9F97

8E9F9B

9D9F9F

AD9FA2

BD9FA6

CD9FAA

# Harmonies

## Analogous

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



679C6B



3E9F88



019FA7

# Triad

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



3E9F88



8A8AC6



BF8160

# Complementary

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



3E9F88



9F3E55

# 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.



CA7978



3E9F88



AF7FB3

# Square

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



3E9F88



5894CB



C57897



A88B53

# Rectangle

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



3E9F88



009DB8



C57897



C47E67



# Sweetspot

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



3E9F88



A9CFC6



569F3E



526963



E8E8E8



696969



# Same Dimension

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



3E9F88



38CFAB



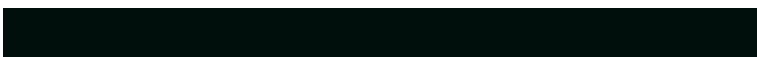
3E879F



474F4D



008F6D



000F0C



# Inverse Universe

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



9F3E55



CF385C



9F563E



4F4749



8F0022

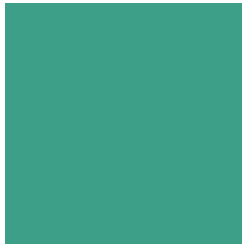


0F0004



# Previews

## White Background



This preview shows how the Hex color 3E9F88 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

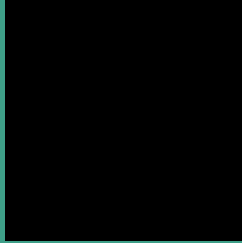
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 3E9F88 Background



This preview shows how black text looks on a background with the Hex color 3E9F88.

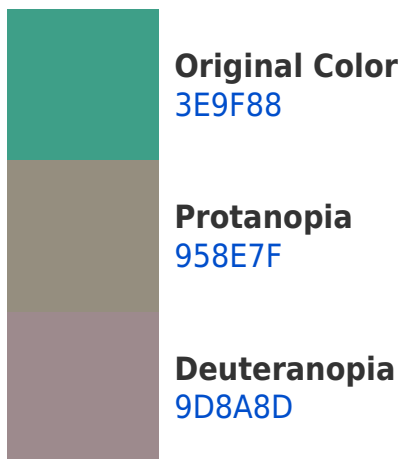


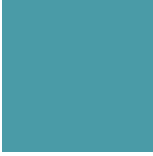
This preview shows how white text looks on a background with the Hex color 3E9F88.

# 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**  
4A9BA7

# Trichromacy



**Original Color**  
3E9F88



**Protanomaly**  
759482



**Deuteranomaly**  
7A928B



**Tritanomaly**  
469C9C

# Monochromacy



**Original Color**  
3E9F88



**Achromatopsia**  
7F7F7F



**Achromatomaly**  
678B82

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3E9F88 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 #3E9F88 looks like.

```
.text, #text, p{  
    color:#3E9F88  
}
```

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 #3E9F88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E9F88
}
```

## Border

The CSS property to change the border of an element to Hex 3E9F88 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
#3E9F88 }
```

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

```
.border{ border-color:#3E9F88 }
```

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

Here you see how a box with a 4 pixel #3E9F88 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E9F88; -webkit-box-shadow:4px 4px  
4px 4px #3E9F88; box-shadow:4px 4px 4px  
4px #3E9F88 }
```

# Background

The CSS property to change the background color of an element to Hex 3E9F88 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E9F88 }
```

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

```
.background{ background-color:#3E9F88 }
```

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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