

Converting Colors

Hex(3E9A7D)

Have a look what the booklet for
Hex(3E9A7D) contains.

Hex(3E9A7D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3E9A7D)

Conversions

Conversions Part 1

Format	Color
Hex	3E9A7D
RGB	62, 154, 125
RGB Percent	24%, 60%, 49%
CMY	0.7569, 0.3961, 0.5098
CMYK	0.60, 0.00, 0.19, 0.40
HSL	161°, 43%, 42%
HSV	161°, 60%, 60%
XYZ	17.2439, 25.6160, 23.4376
YIQ	123.1860, -45.5230, -28.5230

Conversions

Conversions Part 2

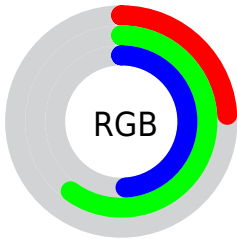
Format	Color
RYB	62, 117, 154
Decimal	4102781
CIELab	57.67, -34.49, 7.16
CIElCh	58, 35.227, 168.278
Yxy	25.6160, 0.2601, 0.3864
Android (android.graphics.Color)	4282292861 (0xFF3E9A7D)
YUV	123.1860, 0.8943, -53.6601
Hunter-Lab	50.6123, -27.7555, 7.9725

Details

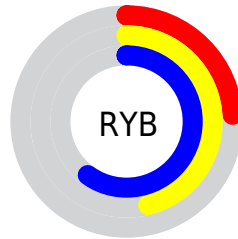
The Hex color **3E9A7D** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **9A3E5B**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **76D1B2**, and **00664C** is the 20% darker color. If you saturate the color by 10%, you get **2F9A78**, and if you desaturate by 10%, it is **4D9A82**.

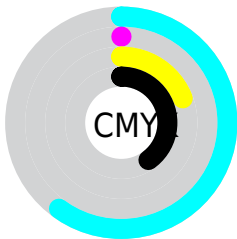
Distribution



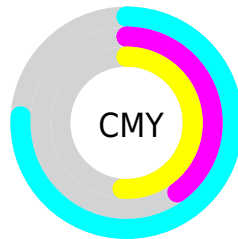
- Red (24%)
- Green (60%)
- Blue (49%)



- Red (24%)
- Yellow (46%)
- Blue (60%)



- Cyan (60%)
- Magenta (0%)
- Yellow (19%)
- Black (40%)



- Cyan (76%)
- Magenta (40%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E9A7D 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 3E9A7D by changing the saturation by 10% instead.



3E9A7D



3E9A7D

FFFFFF



1E8064



76D1B2



00664C



92EECD



004D35



AEFFE9



003620



CBFFFF



002209



E8FFFF



000000



3E9A7D



3E9A7D



2F9A78



4D9A82



1F9A73



5D9A87

■ 109A6E

■ 6C9A8C

■ 009A6A

■ 7C9A90

■ 009A69

■ 8B9A95

■ 9A9A9A

■ AA9A9F

■ B99AA4

■ C99AA9

Harmonies

Analogous

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



689660



3E9A7D



009B9D

Triad

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



3E9A7D



7C87C5



BE7A5E

Complementary

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



3E9A7D



9A3E5B

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.



C67379



3E9A7D



A57CB4

Square

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



3E9A7D



4491C6



BE7398



A9854E

Rectangle

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



3E9A7D



0099B0



BE7398



C27766

Sweetspot

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



3E9A7D



A5C9BE



5B9A3E



50665F



E6E6E6



666666

Same Dimension

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



3E9A7D



38C99C



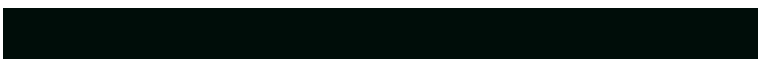
3E899A



454D4A



008C60



000D09

Inverse Universe

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



9A3E5B



C93866



9A4F3E



4D4547



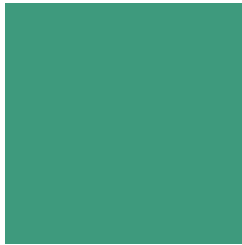
8C002C



0D0004

Previews

White Background



This preview shows how the Hex color 3E9A7D looks on a white background.

Color Contrast Check

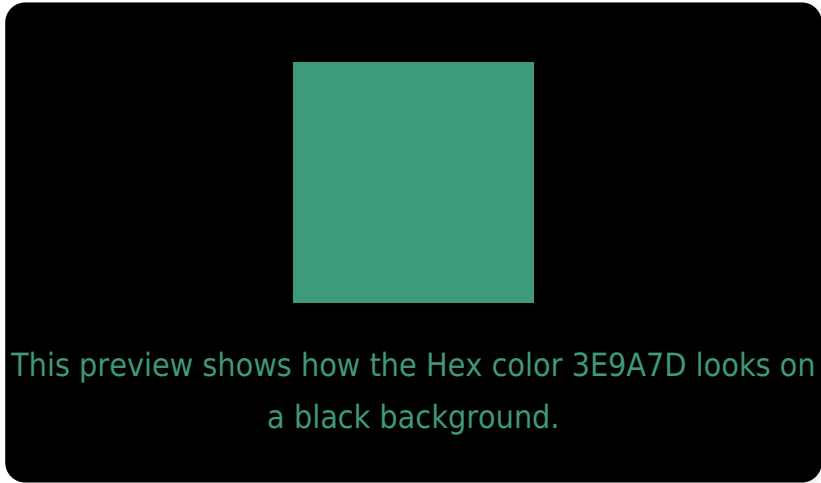
Large Text (above 18pt) WCAG AA ✓ Pass

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

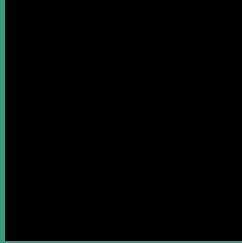
Any Text WCAG AA ✓ Pass

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 3E9A7D Background



This preview shows how black text looks on a background with the Hex color 3E9A7D.

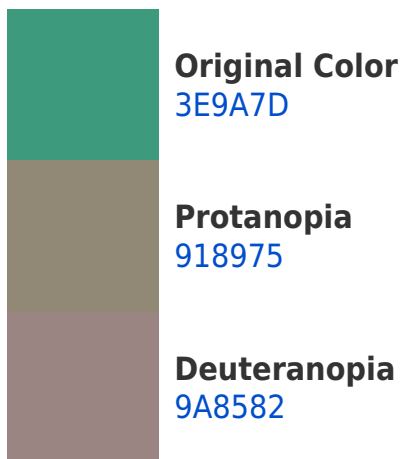


This preview shows how white text looks on a background with the Hex color 3E9A7D.

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
4B95A1

Trichromacy



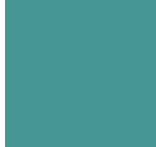
Original Color
3E9A7D



Protanomaly
738F78



Deuteranomaly
798D80



Tritanomaly
469794

Monochromacy



Original Color
3E9A7D



Achromatopsia
7B7B7B



Achromatomaly
65867C

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E9A7D 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 #3E9A7D looks like.

```
.text, #text, p{  
    color:#3E9A7D  
}
```

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 #3E9A7D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E9A7D  
}
```

Border

The CSS property to change the border of an element to Hex 3E9A7D 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  
#3E9A7D }
```

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

```
.border{ border-color:#3E9A7D }
```

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

Here you see how a box with a 4 pixel #3E9A7D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E9A7D; -webkit-box-shadow:4px 4px  
4px 4px #3E9A7D; box-shadow:4px 4px 4px  
4px #3E9A7D }
```

Background

The CSS property to change the background color of an element to Hex 3E9A7D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E9A7D }
```

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

```
.background{ background-color:#3E9A7D }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor