

Converting Colors

Hex(3E989A)

Have a look what the booklet for
Hex(3E989A) contains.

Hex(3E989A)	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(3E989A)

Conversions

Conversions Part 1

Format	Color
Hex	3E989A
RGB	62, 152, 154
RGB Percent	24%, 60%, 60%
CMY	0.7569, 0.4039, 0.3961
CMYK	0.60, 0.01, 0.00, 0.40
HSL	181°, 43%, 42%
HSV	181°, 60%, 60%
XYZ	19.0476, 25.8137, 34.5505
YIQ	125.3180, -54.2820, -18.4580

Conversions

Conversions Part 2

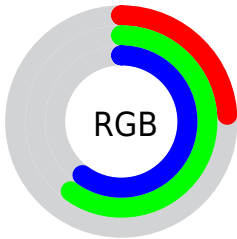
Format	Color
RYB	62, 107, 154
Decimal	4102298
CIELab	57.86, -25.76, -9.07
CIElCh	58, 27.314, 199.395
Yxy	25.8137, 0.2399, 0.3251
Android (android.graphics.Color)	4282292378 (0xFF3E989A)
YUV	125.3180, 14.1402, -55.5299
Hunter-Lab	50.8072, -21.9930, -4.7540

Details

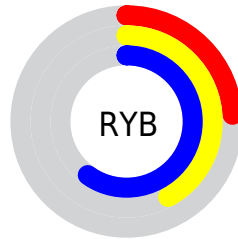
The Hex color **3E989A** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9A403E**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **78CFD0**, and **006567** is the 20% darker color. If you saturate the color by 10%, you get **2F989A**, and if you desaturate by 10%, it is **4D989A**.

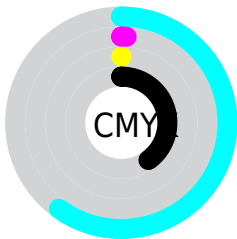
Distribution



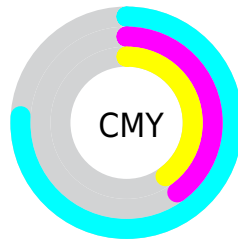
- Red (24%)
- Green (60%)
- Blue (60%)



- Red (24%)
- Yellow (42%)
- Blue (60%)



- Cyan (60%)
- Magenta (1%)
- Yellow (0%)
- Black (40%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 3E989A 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 3E989A by changing the saturation by 10% instead.



3E989A



3E989A

FFFFFF



1C7E80



78CFD0



006567



94EBED



004C4F



B0FFFF



003538



CDFFFF



002123



EBFFFF



00010D



000000



3E989A



3E989A



2F989A



4D989A

■ 1F979A

■ 5D999A

■ 10979A

■ 6C999A

■ 00979A

■ 7C999A

■ 8B9A9A

■ 9A9A9A

■ AA9A9A

■ B99B9A

■ C99B9A

Harmonies

Analogous

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



549881



3E989A



4095AF

Triad

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



3E989A



A180AA



A3875C

Complementary

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



3E989A



9A403E

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.



B47F68



3E989A



B57A95

Square

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



3E989A



8288B8



BB7A7C



8C8E5D

Rectangle

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



3E989A



5392B7



BB7A7C



AA845F

Sweetspot

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



3E989A



A5C9C9



3E9A40



506666



E6E6E6



666666

Same Dimension

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



3E989A



38C6C9



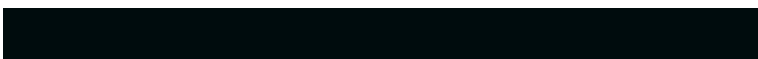
3E6A9A



454C4D



00898C



000C0D

Inverse Universe

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



9A3E98



C938C6



9A6E3E



4D454C



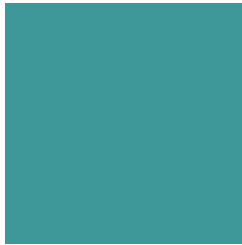
8C0089



0D000C

Previews

White Background



This preview shows how the Hex color 3E989A looks on a white background.

Color Contrast Check

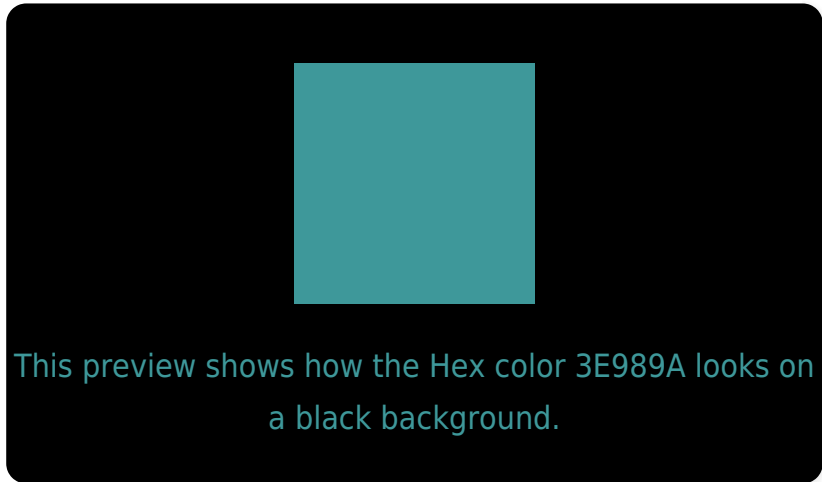
Large Text (above 18pt) WCAG AA ✓ Pass

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

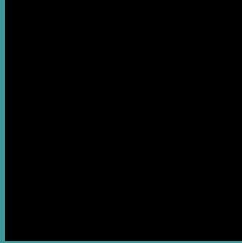
Any Text WCAG AA ✓ Pass

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 3E989A Background



This preview shows how black text looks on a background with the Hex color 3E989A.

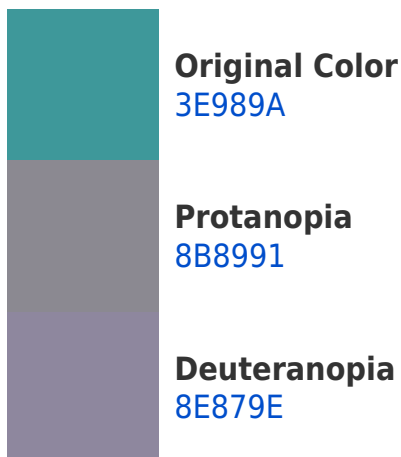


This preview shows how white text looks on a background with the Hex color 3E989A.

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
4297A3

Trichromacy



Original Color
3E989A



Protanomaly
6F8E94



Deuteranomaly
718D9D



Tritanomaly
4197A0

Monochromacy



Original Color
3E989A



Achromatopsia
7D7D7D



Achromatomaly
668788

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E989A 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 #3E989A looks like.

```
.text, #text, p{  
    color:#3E989A  
}
```

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 #3E989A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E989A
}
```

Border

The CSS property to change the border of an element to Hex 3E989A 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
#3E989A }
```

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

```
.border{ border-color:#3E989A }
```

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

Here you see how a box with a 4 pixel #3E989A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E989A; -webkit-box-shadow:4px 4px  
4px 4px #3E989A; box-shadow:4px 4px 4px  
4px #3E989A }
```

Background

The CSS property to change the background color of an element to Hex 3E989A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E989A }
```

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

```
.background{ background-color:#3E989A }
```

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