

# Converting Colors

Hex(A3989E)

Have a look what the booklet for  
Hex(A3989E) contains.

<b>Hex(A3989E)</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(A3989E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A3989E
RGB	163, 152, 158
RGB Percent	64%, 60%, 62%
CMY	0.3608, 0.4039, 0.3804
CMYK	0.00, 0.07, 0.03, 0.36
HSL	327°, 6%, 62%
HSV	327°, 7%, 64%
XYZ	32.5040, 32.7116, 36.9486
YIQ	155.9730, 4.6300, 4.1980

# Conversions

## Conversions Part 2

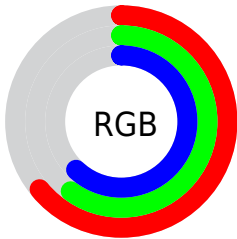
<b>Format</b>	<b>Color</b>
<b>RYB</b>	163, 152, 158
Decimal	10721438
CIELab	63.93, 5.14, -1.70
CIElCh	64, 5.413, 341.742
Yxy	32.7116, 0.3182, 0.3202
Android (android.graphics.Color)	4288911518 (0xFFA3989E)
YUV	155.9730, 0.9993, 6.1627
Hunter-Lab	57.1941, 1.3540, 1.7333

# Details

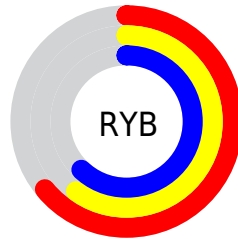
The Hex color **A3989E** is a light color, and the websafe version is hex **999999**. A complement of this color would be **98A39D**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **DACED5**, and **6F656B** is the 20% darker color. If you saturate the color by 10%, you get **A38897**, and if you desaturate by 10%, it is **A3A8A5**.

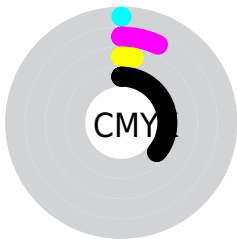
# Distribution



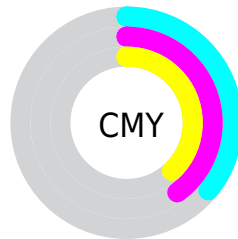
- Red (64%)
- Green (60%)
- Blue (62%)



- Red (64%)
- Yellow (60%)
- Blue (62%)



- Cyan (0%)
- Magenta (7%)
- Yellow (3%)
- Black (36%)



- Cyan (36%)
- Magenta (40%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A3989E 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 A3989E by changing the saturation by 10% instead.





A3989E



A3989E

FFFFFF



897E84



DACE5



6F656B



F6EAF1



574D53



40363C



2A2126



160A11



000000



A3989E



A3989E



A38897



A3A8A5

 A3778F

 A3B9AD

 A36788

 A3C9B4

 A35780

 A3D9BC

 A34779

 A3E9C3

 A33672

 A3FACA

 A3266A

 A3FFD2

 A31663

 A3FFD9

 A3055B

 A3FFE1

# Harmonies

## Analogous

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



9E99A2



A3989E



A59899

# Triad

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



A3989E



9D9B91



909DA1

# Complementary

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



A3989E



98A39D

# 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.



909E9D



A3989E



979D94

# Square

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



A3989E



A29A92



929E98



939CA4

# Rectangle

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



A3989E



A69896



929E98



8F9EA0



# Sweetspot

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



A3989E



D4CFD2



9D98A3



6B696A



EBEBEB



6B6B6B



# Same Dimension

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



A3989E



D4C3CC



A39899



52494E



91004F



12000A



# Inverse Universe

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



A3989E



D4C3CC



98A3A2



52494E



91004F

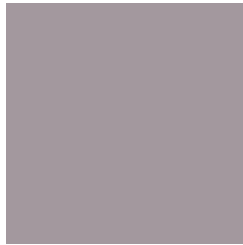


12000A



# Previews

## White Background



This preview shows how the Hex color A3989E looks on a white background.

## Color Contrast Check

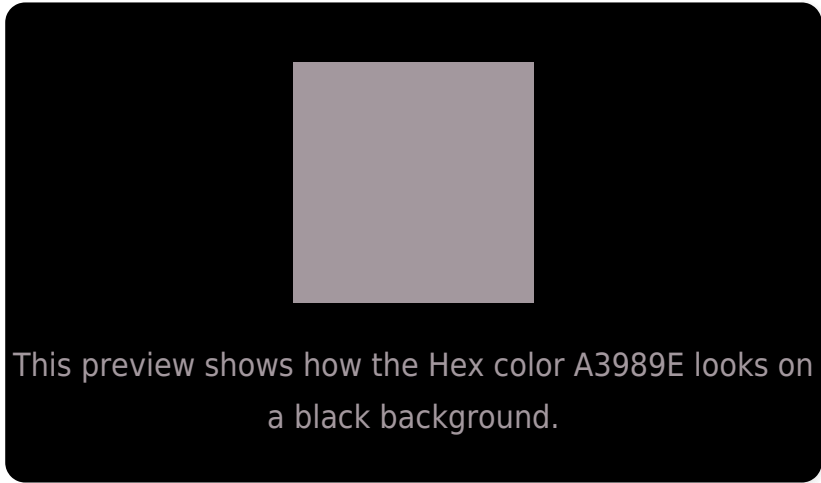
Large Text (above 18pt) WCAG AA × Fail

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

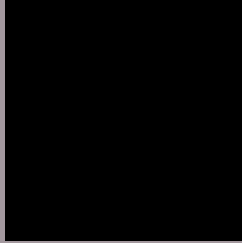
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

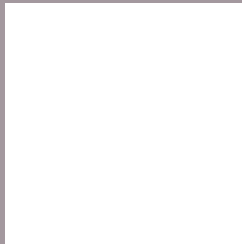
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A3989E Background



This preview shows how black text looks on a background with the Hex color A3989E.



This preview shows how white text looks on a background with the Hex color A3989E.

# 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



**Original Color**  
A3989E

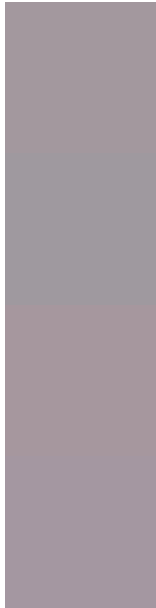
**Protanopia**  
9C9A9F

**Deuteranopia**  
A8969E



**Tritanopia**  
A497A3

# Trichromacy



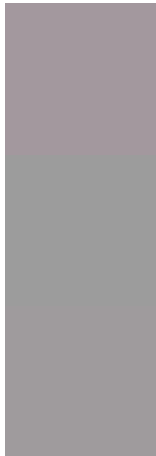
**Original Color**  
A3989E

**Protanomaly**  
9F999F

**Deuteranomaly**  
A6979E

**Tritanomaly**  
A497A1

# Monochromacy



**Original Color**  
A3989E

**Achromatopsia**  
9C9C9C

**Achromatomaly**  
9F9B9D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex A3989E 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 #A3989E looks like.

```
.text, #text, p{  
    color:#A3989E  
}
```

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 #A3989E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3989E
}
```

## Border

The CSS property to change the border of an element to Hex A3989E is called "border". The border property can be set on classes, ids or directly on the HTML element.

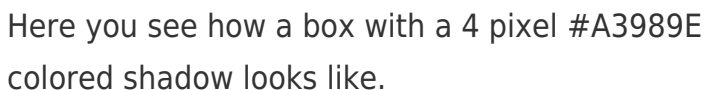
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A3989E }
```

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

```
.border{ border-color:#A3989E }
```

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



Here you see how a box with a 4 pixel #A3989E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3989E; -webkit-box-shadow:4px 4px  
4px 4px #A3989E; box-shadow:4px 4px 4px  
4px #A3989E }
```

# Background

The CSS property to change the background color of an element to Hex A3989E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3989E }
```

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

```
.background{ background-color:#A3989E }
```

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