

Converting Colors

Hex(3A989E)

Have a look what the booklet for
Hex(3A989E) contains.

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Color

Hex(3A989E)

Conversions

Conversions Part 1

Format	Color
Hex	3A989E
RGB	58, 152, 158
RGB Percent	23%, 60%, 62%
CMY	0.7725, 0.4039, 0.3804
CMYK	0.63, 0.04, 0.00, 0.38
HSL	184°, 46%, 42%
HSV	184°, 63%, 62%
XYZ	19.1447, 25.8246, 36.3234
YIQ	124.5780, -57.9500, -18.0620

Conversions

Conversions Part 2

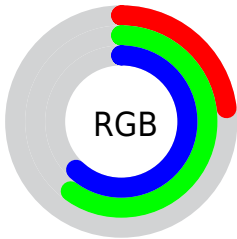
Format	Color
RYB	58, 106, 158
Decimal	3840158
CIELab	57.87, -25.31, -11.35
CIELCh	58, 27.739, 204.145
Yxy	25.8246, 0.2355, 0.3177
Android (android.graphics.Color)	4282030238 (0xFF3A989E)
YUV	124.5780, 16.4770, -58.3889
Hunter-Lab	50.8179, -21.6849, -6.8064

Details

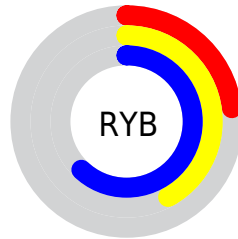
The Hex color **3A989E** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **9E403A**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **75CFD5**, and **00656B** is the 20% darker color. If you saturate the color by 10%, you get **2A979E**, and if you desaturate by 10%, it is **4A999E**.

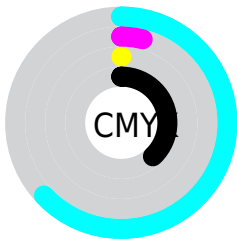
Distribution



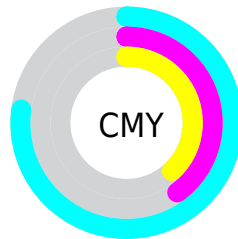
- Red (23%)
- Green (60%)
- Blue (62%)



- Red (23%)
- Yellow (42%)
- Blue (62%)



- Cyan (63%)
- Magenta (4%)
- Yellow (0%)
- Black (38%)



- Cyan (77%)
- Magenta (40%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3A989E 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 3A989E by changing the saturation by 10% instead.

 3A989E


 3A989E

FFFFFF

 137E84

 75CFD5

 00656B

 91EBF1

 004C53

 AEFFFF

 00353C

 CBFFFF

 002126

 E9FFFF

 000111

 000000

 3A989E

 3A989E

 2A979E

 4A999E

■ 1A969E

■ 5A9A9E

■ 0B959E

■ 699B9E

■ 00959E

■ 799C9E

■ 899D9E

■ 999E9E

■ A99F9E

■ B8A09E

■ C8A19E

Harmonies

Analogous

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



4F9885



3A989E



4295B2

Triad

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



3A989E



A57EA8



A0885B

Complementary

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



3A989E



9E403A

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.



B38065



3A989E



B77991

Square

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



3A989E



8887B7



BB7A78



88905E

Rectangle

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



3A989E



5791B9



BB7A78



A7855D

Sweetspot

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



3A989E



A7CCCF



3A9E3F



516769



E8E8E8



696969

Same Dimension

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



3A989E



32C5CF



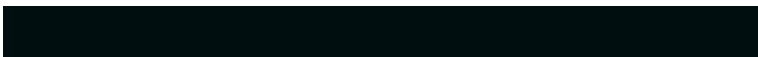
3A679E



474F4F



00868F



000E0F

Inverse Universe

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



9E3A98



CF32C5



9E713A



4F474F



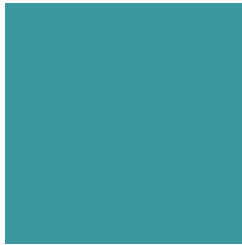
8F0086



0F000E

Previews

White Background



This preview shows how the Hex color 3A989E looks on a white background.

Color Contrast Check

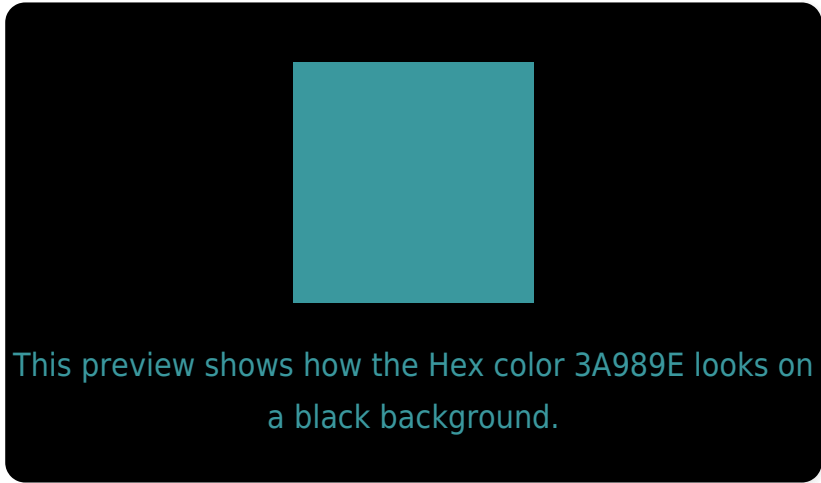
Large Text (above 18pt) WCAG AA ✓ Pass

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

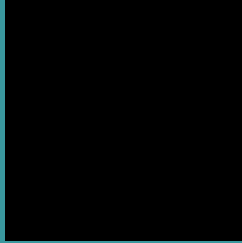
Any Text WCAG AA ✓ Pass

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 3A989E Background



This preview shows how black text looks on a background with the Hex color 3A989E.

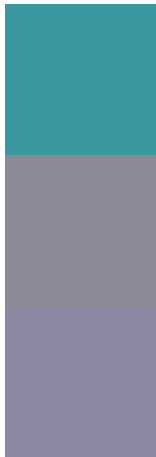


This preview shows how white text looks on a background with the Hex color 3A989E.

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
3A989E

Protanopia
8A8995

Deuteranopia
8C87A2

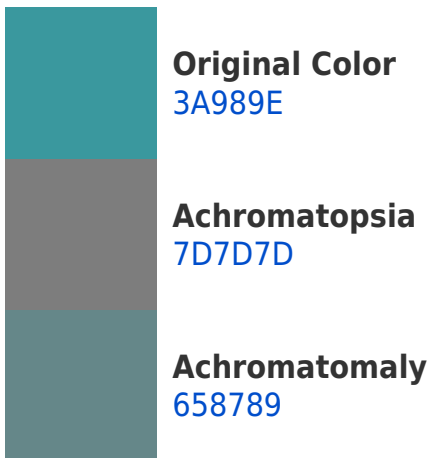


Tritanopia
3D97A3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 3A989E 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 #3A989E looks like.

```
.text, #text, p{  
    color:#3A989E  
}
```

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 #3A989E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3A989E
}
```

Border

The CSS property to change the border of an element to Hex 3A989E 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
#3A989E }
```

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

```
.border{ border-color:#3A989E }
```

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

Here you see how a box with a 4 pixel #3A989E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3A989E; -webkit-box-shadow:4px 4px  
4px 4px #3A989E; box-shadow:4px 4px 4px  
4px #3A989E }
```

Background

The CSS property to change the background color of an element to Hex 3A989E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3A989E }
```

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

```
.background{ background-color:#3A989E }
```

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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