

Converting Colors

Hex(83A39E)

Have a look what the booklet for
Hex(83A39E) contains.

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Color

Hex(83A39E)

Conversions

Conversions Part 1

Format	Color
Hex	83A39E
RGB	131, 163, 158
RGB Percent	51%, 64%, 62%
CMY	0.4863, 0.3608, 0.3804
CMYK	0.20, 0.00, 0.03, 0.36
HSL	171°, 15%, 58%
HSV	171°, 20%, 64%
XYZ	28.6288, 33.4883, 37.3027
YIQ	152.8620, -17.4670, -8.3390

Conversions

Conversions Part 2

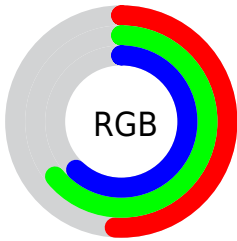
Format	Color
RYB	131, 148, 163
Decimal	8627102
CIELab	64.55, -12.05, -1.06
CIELCh	65, 12.099, 185.017
Yxy	33.4883, 0.2880, 0.3368
Android (android.graphics.Color)	4286817182 (0xFF83A39E)
YUV	152.8620, 2.5330, -19.1730
Hunter-Lab	57.8691, -12.9639, 2.2897

Details

The Hex color **83A39E** is a light color, and the websafe version is hex **669999**. A complement of this color would be **A38388**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **B8DAD5**, and **516F6B** is the 20% darker color. If you saturate the color by 10%, you get **73A39B**, and if you desaturate by 10%, it is **93A3A1**.

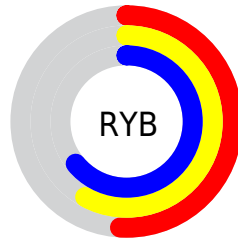
Distribution



Red (51%)

Green (64%)

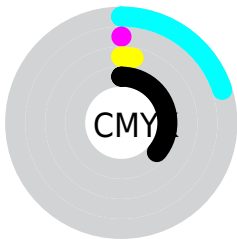
Blue (62%)



Red (51%)

Yellow (58%)

Blue (64%)

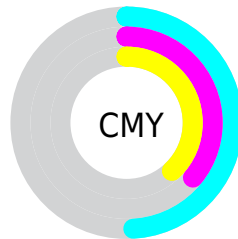


Cyan (20%)

Magenta (0%)

Yellow (3%)

Black (36%)



Cyan (49%)

Magenta (36%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83A39E 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 83A39E by changing the saturation by 10% instead.



83A39E



83A39E

FFFFFF



698984



B8DAD5



516F6B



D4F6F1



395753



F1FFFF



223F3C



0C2926



001611



000000



83A39E



83A39E



73A39B



93A3A1

■ 62A399

■ A4A3A3

■ 52A396

■ B4A3A6

■ 42A394

■ C4A3A8

■ 32A391

■ D4A3AB

■ 21A38F

■ E5A3AD

■ 11A38C

■ F5A3B0

■ 01A38A

■ FFA3B2

■ 00A38A

■ FFA3B5

Harmonies

Analogous

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



8BA293



83A39E



81A2A8

Triad

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



83A39E



A199AE



AE9989

Complementary

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



83A39E



A38388

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.



B39691



83A39E



AC96A6

Square

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



83A39E



939DB2



B3959B



A49C87

Rectangle

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



83A39E



84A1AE



B3959B



B0988B

Sweetspot

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



83A39E



C7D4D2



88A383



646B6A



EBEBEB



6B6B6B

Same Dimension

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



83A39E



A1D4CC



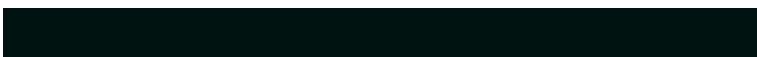
8398A3



495250



00917B



00120F

Inverse Universe

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



A38388



D4A1A9



A38E83



52494B



910017



120003

Previews

White Background



This preview shows how the Hex color 83A39E looks on a white background.

Color Contrast Check

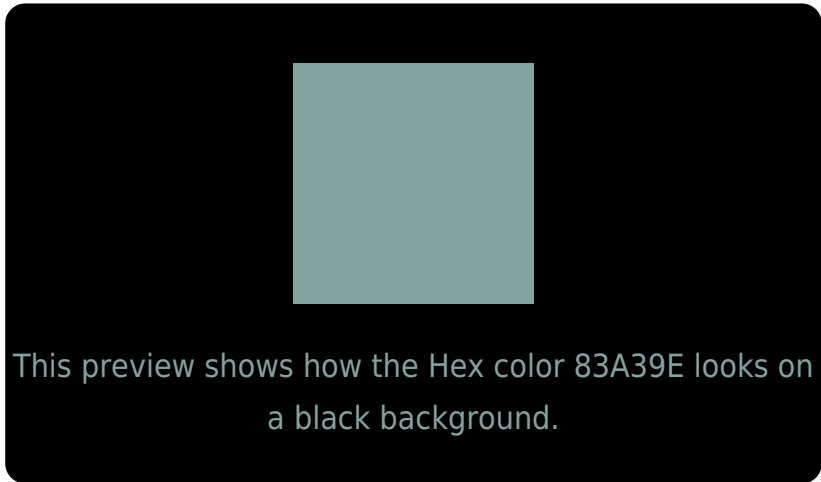
Large Text (above 18pt) WCAG AA × Fail

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

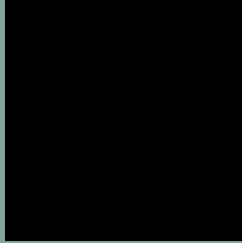
Any Text WCAG AA ✓ Pass

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 83A39E Background



This preview shows how black text looks on a background with the Hex color 83A39E.

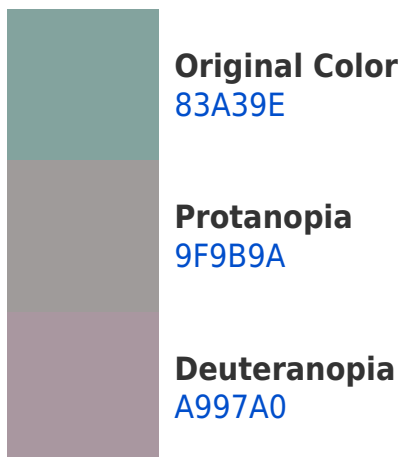


This preview shows how white text looks on a background with the Hex color 83A39E.

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](#).

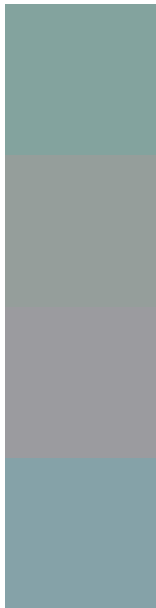
Dichromacy





Tritanopia
86A1AD

Trichromacy



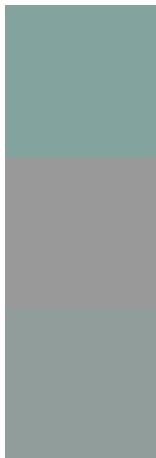
Original Color
83A39E

Protanomaly
959E9B

Deuteranomaly
9B9B9F

Tritanomaly
85A2A8

Monochromacy



Original Color
83A39E

Achromatopsia
999999

Achromatomaly
919D9B

CSS Examples

Text

The CSS property to change the color of the text to Hex 83A39E 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 #83A39E looks like.

```
.text, #text, p{  
    color:#83A39E  
}
```

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 #83A39E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83A39E
}
```

Border

The CSS property to change the border of an element to Hex 83A39E 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
#83A39E }
```

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

```
.border{ border-color:#83A39E }
```

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

Here you see how a box with a 4 pixel #83A39E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83A39E; -webkit-box-shadow:4px 4px  
4px 4px #83A39E; box-shadow:4px 4px 4px  
4px #83A39E }
```

Background

The CSS property to change the background color of an element to Hex 83A39E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83A39E }
```

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

```
.background{ background-color:#83A39E }
```

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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