

# Converting Colors

Hex(83A49C)

Have a look what the booklet for  
Hex(83A49C) contains.

<b>Hex(83A49C)</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(83A49C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	83A49C
RGB	131, 164, 156
RGB Percent	51%, 64%, 61%
CMY	0.4863, 0.3569, 0.3882
CMYK	0.20, 0.00, 0.05, 0.36
HSL	165°, 15%, 58%
HSV	165°, 20%, 64%
XYZ	28.6363, 33.7765, 36.4627
YIQ	153.2210, -17.1000, -9.4840

# Conversions

## Conversions Part 2

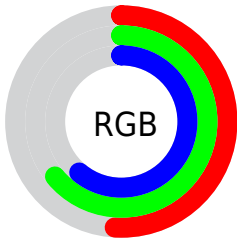
<b>Format</b>	<b>Color</b>
<b>RYB</b>	131, 150, 164
Decimal	8627356
CIELab	64.78, -13.02, 0.40
CIElCh	65, 13.022, 178.250
Yxy	33.7765, 0.2896, 0.3416
Android (android.graphics.Color)	4286817436 (0xFF83A49C)
YUV	153.2210, 1.3700, -19.4878
Hunter-Lab	58.1176, -13.7534, 3.4840

# Details

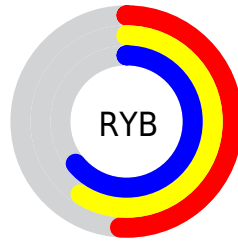
The Hex color **83A49C** is a light color, and the websafe version is hex **669999**. A complement of this color would be **A4838B**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **B8DBD2**, and **517069** is the 20% darker color. If you saturate the color by 10%, you get **73A498**, and if you desaturate by 10%, it is **93A4A0**.

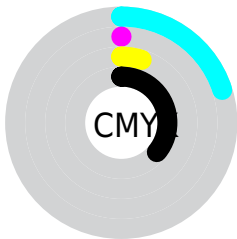
# Distribution



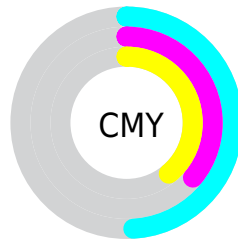
- Red (51%)
- Green (64%)
- Blue (61%)



- Red (51%)
- Yellow (59%)
- Blue (64%)



- Cyan (20%)
- Magenta (0%)
- Yellow (5%)
- Black (36%)



- Cyan (49%)
- Magenta (36%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 83A49C 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 83A49C by changing the saturation by 10% instead.





83A49C



83A49C

FFFFFF



698A82



B8DBD2



517069



D4F8EF



395851



F1FFFF



22403A



0C2A24



00170F



000000



83A49C



83A49C



73A498



93A4A0

 62A494

 A4A4A4

 52A490

 B4A4A8

 41A48C

 C5A4AC

 31A488

 D5A4B0

 21A484

 E5A4B4

 10A480

 F6A4B8

 00A47C

 FFA4BC

 FFA4C0

# Harmonies

## Analogous

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



8DA391



83A49C



7FA4A8

# Triad

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



83A49C



9F9AB2



B1988A

# Complementary

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



83A49C



A4838B

# 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.



B69693



83A49C



AC97AA

# Square

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



83A49C



909EB4



B4959E



A79C86

# Rectangle

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



83A49C



81A3AE



B4959E



B3978C



# Sweetspot

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



83A49C



C9D6D3



8BA483



646B69



EBEBEB



6B6B6B



# Same Dimension

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



83A49C



A3D6CA



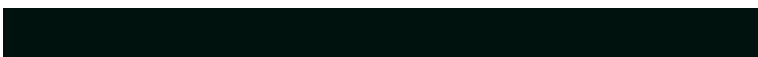
839CA4



495250



00916E



00120E



# Inverse Universe

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



A4838B



D6A3AF



A48B83



52494B



910023



120004



# Previews

## White Background



This preview shows how the Hex color 83A49C looks on a white background.

## Color Contrast Check

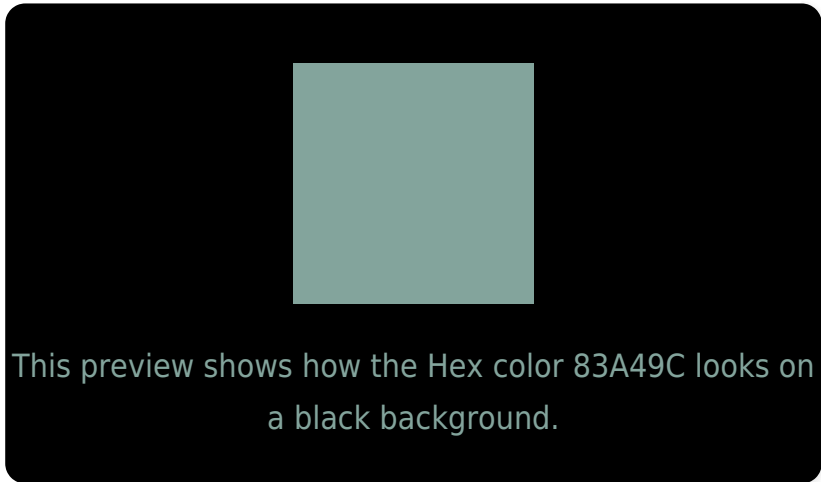
Large Text (above 18pt) WCAG AA × Fail

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

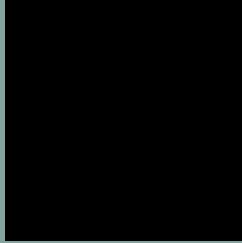
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

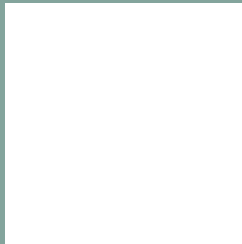
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 83A49C Background



This preview shows how black text looks on a background with the Hex color 83A49C.

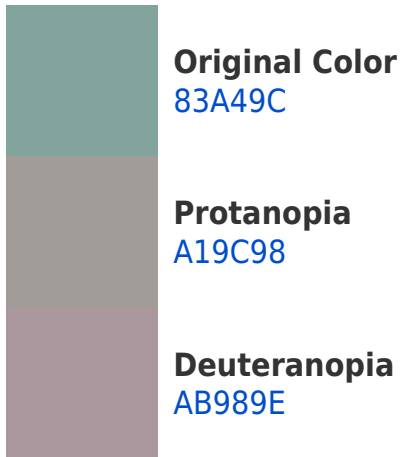


This preview shows how white text looks on a background with the Hex color 83A49C.

# 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](#).

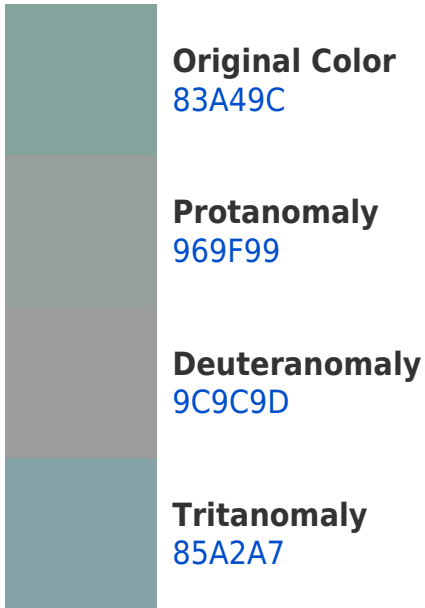
## Dichromacy



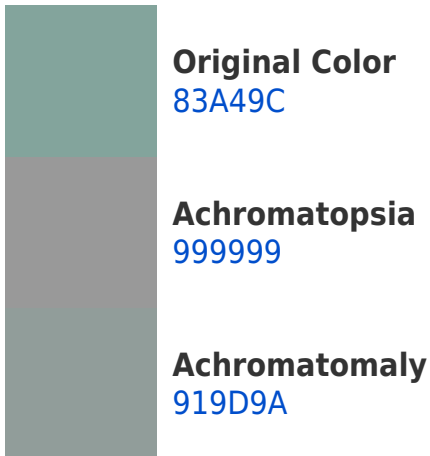


**Tritanopia**  
86A1AE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 83A49C 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 #83A49C looks like.

```
.text, #text, p{  
    color:#83A49C  
}
```

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 #83A49C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83A49C
}
```

## Border

The CSS property to change the border of an element to Hex 83A49C 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
#83A49C }
```

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

```
.border{ border-color:#83A49C }
```

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

Here you see how a box with a 4 pixel #83A49C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83A49C; -webkit-box-shadow:4px 4px  
4px 4px #83A49C; box-shadow:4px 4px 4px  
4px #83A49C }
```

# Background

The CSS property to change the background color of an element to Hex 83A49C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83A49C }
```

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

```
.background{ background-color:#83A49C }
```

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