

# Converting Colors

Hex(83C39D)

Have a look what the booklet for  
Hex(83C39D) contains.

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**Color**

**Hex(83C39D)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 83C39D                       |
| RGB         | 131, 195, 157                |
| RGB Percent | 51%, 76%, 62%                |
| CMY         | 0.4863, 0.2353, 0.3843       |
| CMYK        | 0.33, 0.00, 0.19, 0.24       |
| HSL         | 144°, 35%, 64%               |
| HSV         | 144°, 33%, 76%               |
| XYZ         | 34.9610, 46.2898, 38.9905    |
| YIQ         | 171.5320, -25.9460, -25.3860 |

# Conversions

## Conversions Part 2

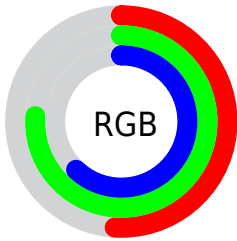
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">131, 177, 195</a>                                |
| Decimal                             | <a href="#">8635293</a>                                      |
| CIELab                              | <a href="#">73.73, -28.53, 12.69</a>                         |
| CIELCh                              | <a href="#">74, 31.226, 156.025</a>                          |
| Yxy                                 | <a href="#">46.2898, 0.2908, 0.3850</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4286825373</a><br>( <a href="#">0xFF83C39D</a> ) |
| YUV                                 | <a href="#">171.5320, -7.1643, -35.5466</a>                  |
| Hunter-Lab                          | <a href="#">68.0366, -27.3409, 13.6477</a>                   |

# Details

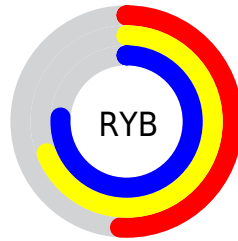
The Hex color **83C39D** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C383A9**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **BAFCD4**, and **4F8D6A** is the 20% darker color. If you saturate the color by 10%, you get **6FC391**, and if you desaturate by 10%, it is **97C3A9**.

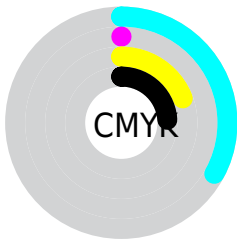
# Distribution



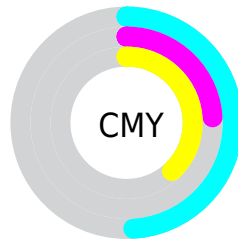
- Red (51%)
- Green (76%)
- Blue (62%)



- Red (51%)
- Yellow (69%)
- Blue (76%)



- Cyan (33%)
- Magenta (0%)
- Yellow (19%)
- Black (24%)



- Cyan (49%)
- Magenta (24%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 83C39D 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 83C39D by changing the saturation by 10% instead.





83C39D



83C39D

FFFFFF



69A883



BAFCD4



4F8D6A



D6FFF0



357351



F3FFFF



1A5A3A



004224



002B10



001500



000000



83C39D



83C39D

 6FC391

 97C3A9

 5CC386

 AAC3B4

 49C37A

 BDC3C0

 35C36F

 D1C3CB

 22C363

 E5C3D7

 0EC358

 F8C3E2

 00C34F

 FFC3EE

 FFC3FA

 FFC3FF

# Harmonies

## Analogous

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



A4BE86



83C39D



65C5BA

# Triad

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



83C39D



98B6EE



ECA395

# Complementary

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



83C39D



C383A9

# 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.



EDA0B0



83C39D



C1ACE4

# Square

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



83C39D



70BEE9



DFA3CD



DDAC82

# Rectangle

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



83C39D



5AC5CD



DFA3CD



EEA19D

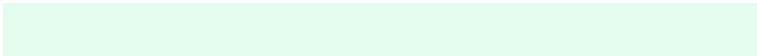


# Sweetspot

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



83C39D



E3FCED



A9C383



708076



000000



808080



# Same Dimension

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



83C39D



9AFCC2



83C3BD



57615B



00A141



00210D



# Inverse Universe

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



C383A9



FC9AD4



C38389



61575D



A1005F



210014



# Previews

## White Background



This preview shows how the Hex color 83C39D looks on a white background.

## Color Contrast Check

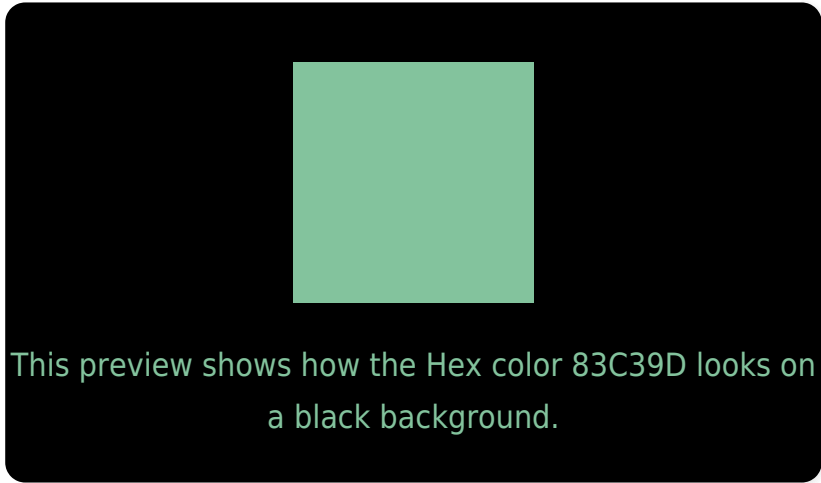
Large Text (above 18pt) WCAG AA × Fail

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

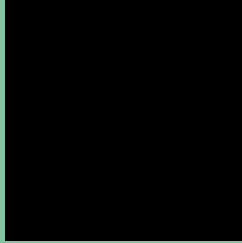
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 83C39D Background



This preview shows how black text looks on a background with the Hex color 83C39D.

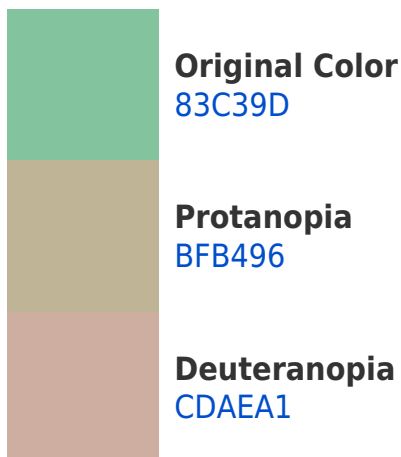


This preview shows how white text looks on a background with the Hex color 83C39D.

# Color Blindness Simulation

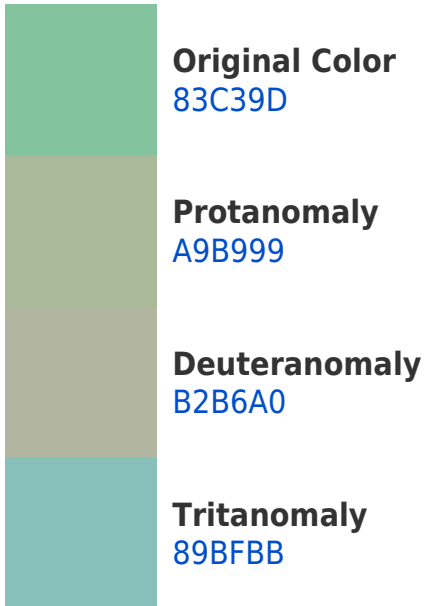
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

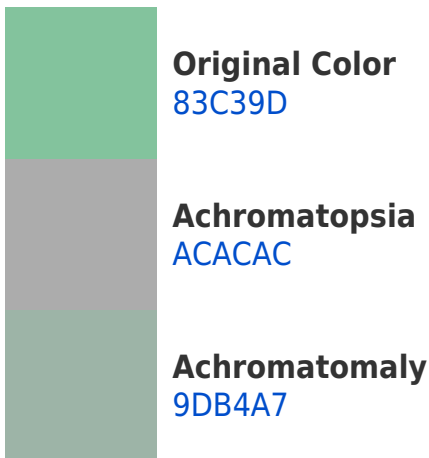




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 83C39D 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 #83C39D looks like.

```
.text, #text, p{  
    color:#83C39D  
}
```

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 #83C39D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83C39D
}
```

## Border

The CSS property to change the border of an element to Hex 83C39D 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
#83C39D }
```

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

```
.border{ border-color:#83C39D }
```

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

Here you see how a box with a 4 pixel #83C39D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83C39D; -webkit-box-shadow:4px 4px  
4px 4px #83C39D; box-shadow:4px 4px 4px  
4px #83C39D }
```

# Background

The CSS property to change the background color of an element to Hex 83C39D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83C39D }
```

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

```
.background{ background-color:#83C39D }
```

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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