

# Converting Colors

Hex(83C3AB)

Have a look what the booklet for  
Hex(83C3AB) contains.

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**Color**

**Hex(83C3AB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	83C3AB
RGB	131, 195, 171
RGB Percent	51%, 76%, 67%
CMY	0.4863, 0.2353, 0.3294
CMYK	0.33, 0.00, 0.12, 0.24
HSL	158°, 35%, 64%
HSV	158°, 33%, 76%
XYZ	36.2259, 46.7958, 45.6513
YIQ	173.1280, -30.4400, -21.0320

# Conversions

## Conversions Part 2

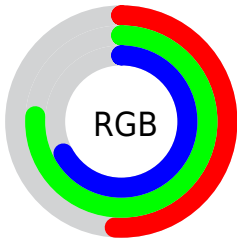
<b>Format</b>	<b>Color</b>
<b>RYB</b>	131, 170, 195
Decimal	8635307
CIELab	74.06, -25.67, 5.58
CIELCh	74, 26.267, 167.727
Yxy	46.7958, 0.2815, 0.3637
Android (android.graphics.Color)	4286825387 (0xFF83C3AB)
YUV	173.1280, -1.0491, -36.9463
Hunter-Lab	68.4074, -25.1865, 8.3184

# Details

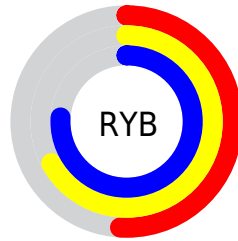
The Hex color **83C3AB** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C3839B**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **BAFCE2**, and **4F8D77** is the 20% darker color. If you saturate the color by 10%, you get **6FC3A4**, and if you desaturate by 10%, it is **97C3B2**.

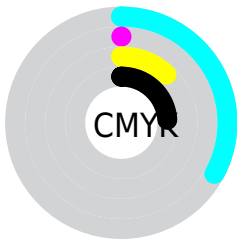
# Distribution



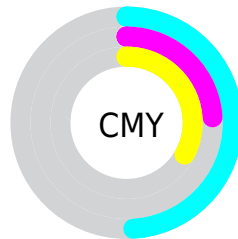
- Red (51%)
- Green (76%)
- Blue (67%)



- Red (51%)
- Yellow (67%)
- Blue (76%)



- Cyan (33%)
- Magenta (0%)
- Yellow (12%)
- Black (24%)



- Cyan (49%)
- Magenta (24%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 83C3AB 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 83C3AB by changing the saturation by 10% instead.



 83C3AB

 83C3AB

FFFFFF

 69A890

 BAFCE2

 4F8D77

 D6FFFF

 35735E

 F3FFFF

 1A5A47

 004230

 002C1B

 001700

 000000

 83C3AB

 83C3AB

 6FC3A4

 97C3B2

 5CC39C

 AAC3BA

 49C395

 BDC3C1

 35C38E

 D1C3C8

 22C386

 E5C3D0

 0EC37F

 F8C3D7

 00C37A

 FFC3DE

 FFC3E6

 FFC3ED

# Harmonies

## Analogous

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



9DBF95



83C3AB



71C4C4

# Triad

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



83C3AB



ADB3E4



E2AA93

# Complementary

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



83C3AB



C3839B

# 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.



E7A5A8



83C3AB



CBABD7

# Square

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



83C3AB



8BBE5



E0A6C1



D1B187

# Rectangle

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



83C3AB



70C2D3



E0A6C1



E5A89A



# Sweetspot

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



83C3AB



E3FCF3



9CC383



70807A



000000



808080



# Same Dimension

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



83C3AB



9AFCD8



83BCC3



57615D



00A164



002115



# Inverse Universe

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



C3839B



FC9ABF



C38A83



61575B



A1003C



21000C



# Previews

## White Background



This preview shows how the Hex color 83C3AB looks on a white background.

## Color Contrast Check

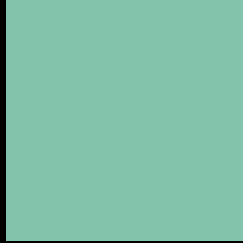
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 83C3AB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

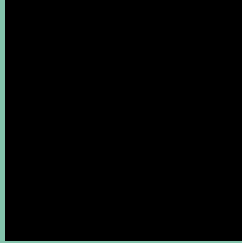
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 83C3AB Background



This preview shows how black text looks on a background with the Hex color 83C3AB.

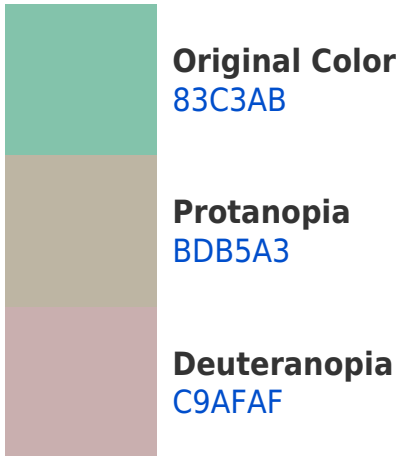


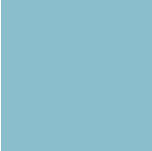
This preview shows how white text looks on a background with the Hex color 83C3AB.

# 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](#).

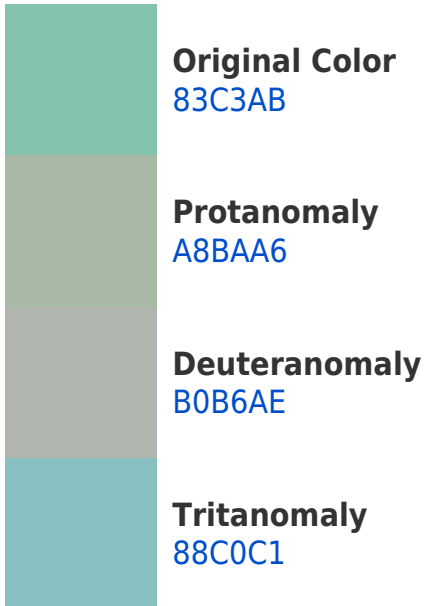
## Dichromacy



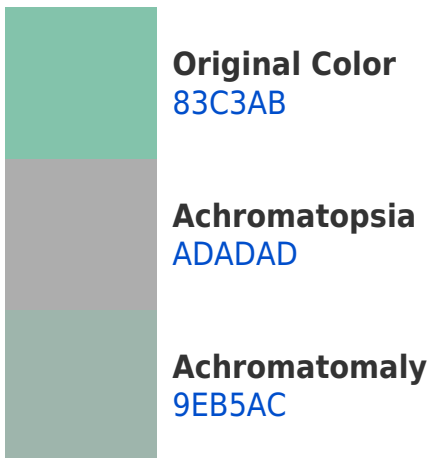


**Tritanopia**  
8BBECD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 83C3AB 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 #83C3AB looks like.

```
.text, #text, p{  
    color:#83C3AB  
}
```

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 #83C3AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83C3AB
}
```

## Border

The CSS property to change the border of an element to Hex 83C3AB 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
#83C3AB }
```

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

```
.border{ border-color:#83C3AB }
```

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

Here you see how a box with a 4 pixel #83C3AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83C3AB; -webkit-box-shadow:4px 4px  
4px 4px #83C3AB; box-shadow:4px 4px 4px  
4px #83C3AB }
```

# Background

The CSS property to change the background color of an element to Hex 83C3AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83C3AB }
```

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

```
.background{ background-color:#83C3AB }
```

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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