

Converting Colors

Hex(83C49C)

Have a look what the booklet for
Hex(83C49C) contains.

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Color

Hex(83C49C)

Conversions

Conversions Part 1

Format	Color
Hex	83C49C
RGB	131, 196, 156
RGB Percent	51%, 77%, 61%
CMY	0.4863, 0.2314, 0.3882
CMYK	0.33, 0.00, 0.20, 0.23
HSL	143°, 36%, 64%
HSV	143°, 33%, 77%
XYZ	35.1008, 46.7054, 38.6175
YIQ	172.0050, -25.9000, -26.2200

Conversions

Conversions Part 2

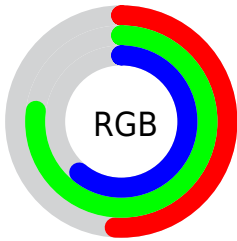
Format	Color
RYB	131, 178, 196
Decimal	8635548
CIELab	74.00, -29.21, 13.60
CIELCh	74, 32.222, 155.027
Yxy	46.7054, 0.2915, 0.3878
Android (android.graphics.Color)	4286825628 (0xFF83C49C)
YUV	172.0050, -7.8905, -35.9614
Hunter-Lab	68.3414, -27.9182, 14.3361

Details

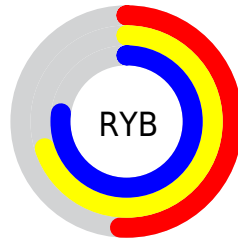
The Hex color **83C49C** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C483AB**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **BAFDD3**, and **4F8E69** is the 20% darker color. If you saturate the color by 10%, you get **6FC490**, and if you desaturate by 10%, it is **97C4A8**.

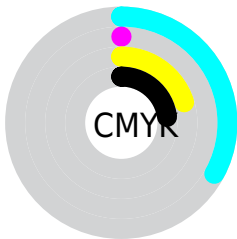
Distribution



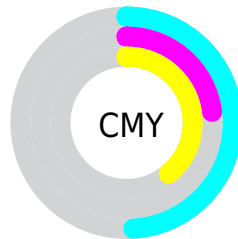
- Red (51%)
- Green (77%)
- Blue (61%)



- Red (51%)
- Yellow (70%)
- Blue (77%)



- Cyan (33%)
- Magenta (0%)
- Yellow (20%)
- Black (23%)



- Cyan (49%)
- Magenta (23%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83C49C 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 83C49C by changing the saturation by 10% instead.



83C49C



83C49C

FFFFFF



69A982



BAFDD3



4F8E69



D6FFE7



357450



F3FFFF



1A5B39



004324



002C0F



001700



000000



83C49C



83C49C

 6FC490

 97C4A8

 5CC484

 AAC4B4

 48C478

 BEC4C0

 35C46C

 D1C4CC

 21C460

 E5C4D8

 0DC454

 F9C4E4

 00C44B

 FFC4F0

 FFC4FC

 FFC4FF

Harmonies

Analogous

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



A6BE85



83C49C



63C6BA

Triad

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



83C49C



96B7F0



EFA395

Complementary

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



83C49C



C483AB

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.



F0A0B2



83C49C



C0ADE6

Square

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



83C49C



6CC0EB



E0A3CF



E0AC81

Rectangle

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



83C49C



56C6CE



E0A3CF



F1A19E

Sweetspot

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



83C49C



E6FFEF



ABC483



708076



000000



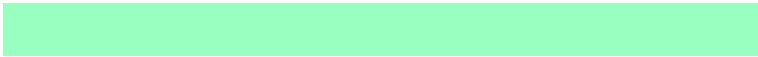
808080

Same Dimension

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



83C49C



99FFC0



83C4BC



57615B



00A13E



00210D

Inverse Universe

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



C483AB



FF99D8



C4838B



61575D



A10063



210014

Previews

White Background



This preview shows how the Hex color 83C49C looks on a white background.

Color Contrast Check

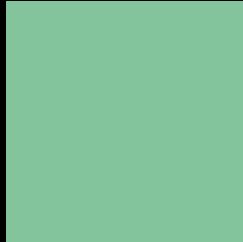
Large Text (above 18pt) WCAG AA × Fail

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 83C49C looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

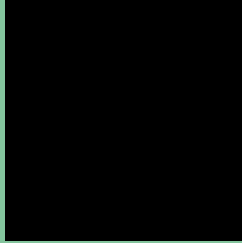
Any Text WCAG AA ✓ Pass

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 83C49C Background



This preview shows how black text looks on a background with the Hex color 83C49C.

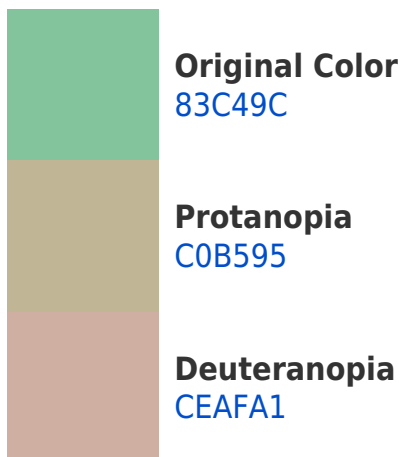


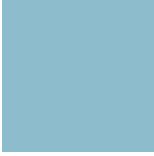
This preview shows how white text looks on a background with the Hex color 83C49C.

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](#).

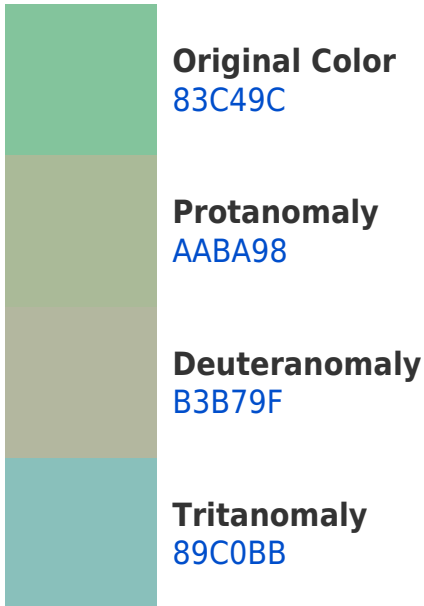
Dichromacy



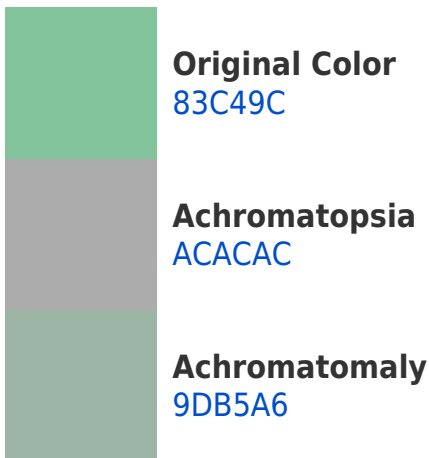


Tritanopia
8DBDCD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83C49C 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 #83C49C looks like.

```
.text, #text, p{  
    color:#83C49C  
}
```

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 #83C49C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83C49C
}
```

Border

The CSS property to change the border of an element to Hex 83C49C 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
#83C49C }
```

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

```
.border{ border-color:#83C49C }
```

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

Here you see how a box with a 4 pixel #83C49C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83C49C; -webkit-box-shadow:4px 4px  
4px 4px #83C49C; box-shadow:4px 4px 4px  
4px #83C49C }
```

Background

The CSS property to change the background color of an element to Hex 83C49C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83C49C }
```

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

```
.background{ background-color:#83C49C }
```

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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