

Converting Colors

Hex(83B78B)

Have a look what the booklet for
Hex(83B78B) contains.

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Color

Hex(83B78B)

Conversions

Conversions Part 1

Format	Color
Hex	83B78B
RGB	131, 183, 139
RGB Percent	51%, 72%, 55%
CMY	0.4863, 0.2824, 0.4549
CMYK	0.28, 0.00, 0.24, 0.28
HSL	129°, 27%, 62%
HSV	129°, 28%, 72%
XYZ	30.9538, 40.5563, 30.6228
YIQ	162.4360, -16.8680, -24.7080

Conversions

Conversions Part 2

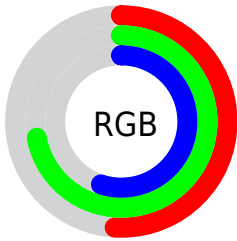
Format	Color
RYB	131, 176, 183
Decimal	8632203
CIELab	69.86, -26.10, 17.00
CIElCh	70, 31.152, 146.915
Yxy	40.5563, 0.3031, 0.3971
Android (android.graphics.Color)	4286822283 (0xFF83B78B)
YUV	162.4360, -11.5539, -27.5694
Hunter-Lab	63.6839, -24.6862, 16.0687

Details

The Hex color **83B78B** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **B783AF**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **B9EFC1**, and **508259** is the 20% darker color. If you saturate the color by 10%, you get **71B77C**, and if you desaturate by 10%, it is **95B79A**.

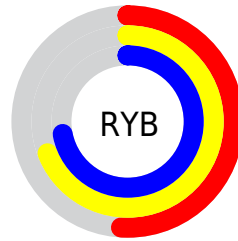
Distribution



Red (51%)

Green (72%)

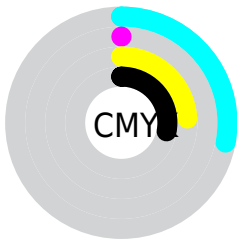
Blue (55%)



Red (51%)

Yellow (69%)

Blue (72%)

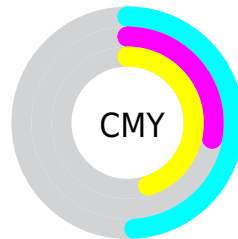


Cyan (28%)

Magenta (0%)

Yellow (24%)

Black (28%)



Cyan (49%)

Magenta (28%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83B78B 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 83B78B by changing the saturation by 10% instead.

 83B78B

 83B78B

FFFFFF

 699C71

 B9EFC1

 508259

 D5FFDD

 376841

 F2FFF9

 1E502B

 023916

 002300

 000000

 83B78B

 83B78B

 71B77C

 95B79A

 5EB76C

 A8B7AA

 4CB75D

 BAB7B9

 3AB74D

 CCB7C9

 27B73E

 DEB7D8

 15B72E

 F1B7E8

 03B71F

 FFB7F7

 00B71C

 FFB7FF

Harmonies

Analogous

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



A4B178



83B78B



63BAA7

Triad

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



83B78B



81AEE3



E39793

Complementary

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



83B78B



B783AF

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.



DF96AF



83B78B



ABA4DD

Square

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



83B78B



5AB6D9



CC9BCA



D79E7C

Rectangle

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



83B78B



52BABA



CC9BCA



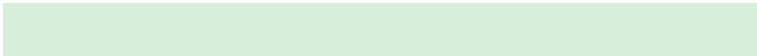
E3969C

Sweetspot

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



83B78B



D8EDDB



AFB783



6B786D



F7F7F7



787878

Same Dimension

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



83B78B



9DEDA9



83B7A5



535C54



009C18



001C04

Inverse Universe

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



B783AF



ED9DE1



B78395



5C535A



9C0084



1C0018

Previews

White Background



This preview shows how the Hex color 83B78B looks on a white background.

Color Contrast Check

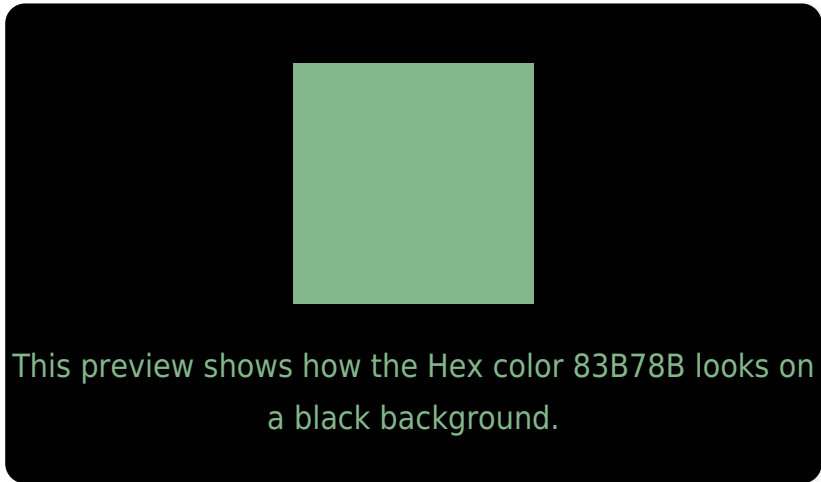
Large Text (above 18pt) WCAG AA × Fail

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

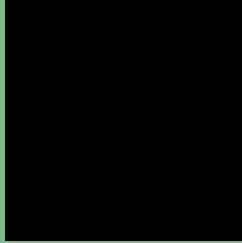
Any Text WCAG AA ✓ Pass

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 83B78B Background



This preview shows how black text looks on a background with the Hex color 83B78B.

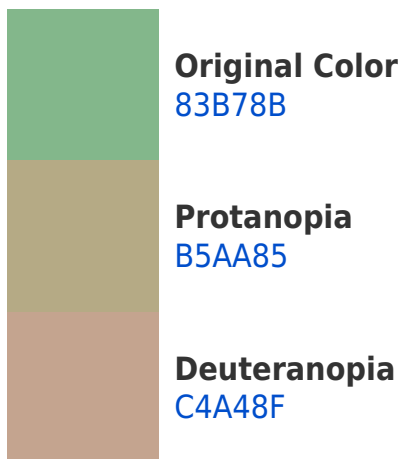


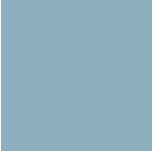
This preview shows how white text looks on a background with the Hex color 83B78B.

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](#).

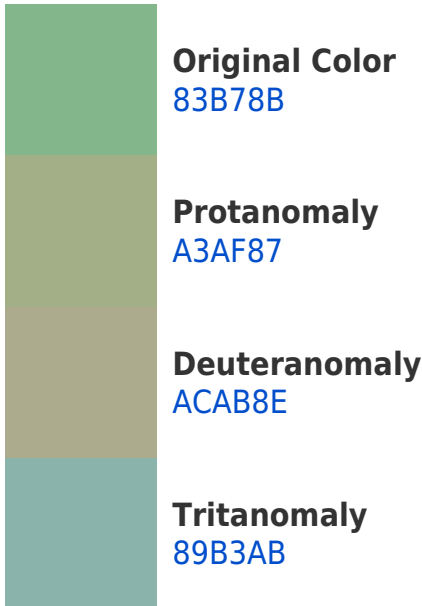
Dichromacy



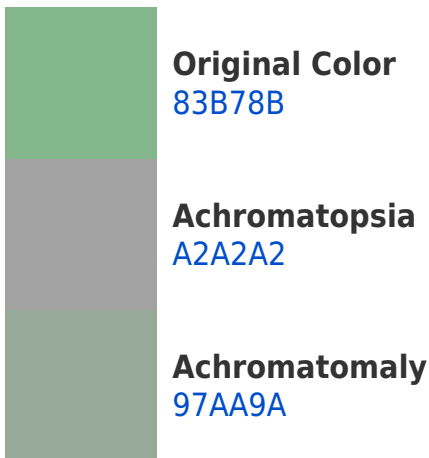


Tritanopia
8DB0BE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83B78B 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 #83B78B looks like.

```
.text, #text, p{  
    color:#83B78B  
}
```

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 #83B78B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83B78B
}
```

Border

The CSS property to change the border of an element to Hex 83B78B 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
#83B78B }
```

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

```
.border{ border-color:#83B78B }
```

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

Here you see how a box with a 4 pixel #83B78B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83B78B; -webkit-box-shadow:4px 4px  
4px 4px #83B78B; box-shadow:4px 4px 4px  
4px #83B78B }
```

Background

The CSS property to change the background color of an element to Hex 83B78B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83B78B }
```

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

```
.background{ background-color:#83B78B }
```

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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