

Converting Colors

Hex(83B18A)

Have a look what the booklet for
Hex(83B18A) contains.

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Color

Hex(83B18A)

Conversions

Conversions Part 1

Format	Color
Hex	83B18A
RGB	131, 177, 138
RGB Percent	51%, 69%, 54%
CMY	0.4863, 0.3059, 0.4588
CMYK	0.26, 0.00, 0.22, 0.31
HSL	129°, 23%, 60%
HSV	129°, 26%, 69%
XYZ	29.6697, 38.1046, 29.8359
YIQ	158.8000, -14.8970, -21.8810

Conversions

Conversions Part 2

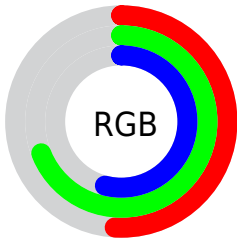
Format	Color
RYB	131, 171, 177
Decimal	8630666
CIELab	68.10, -23.31, 15.09
CIElCh	68, 27.770, 147.081
Yxy	38.1046, 0.3040, 0.3904
Android (android.graphics.Color)	4286820746 (0xFF83B18A)
YUV	158.8000, -10.2544, -24.3806
Hunter-Lab	61.7289, -22.2305, 14.5531

Details

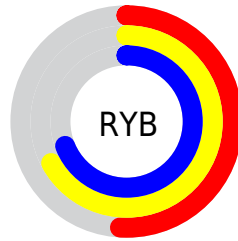
The Hex color **83B18A** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **B183AA**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **B9E9C0**, and **507C58** is the 20% darker color. If you saturate the color by 10%, you get **71B17B**, and if you desaturate by 10%, it is **95B199**.

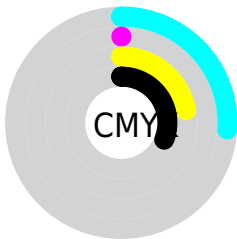
Distribution



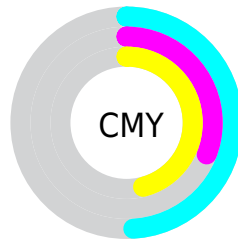
- Red (51%)
- Green (69%)
- Blue (54%)



- Red (51%)
- Yellow (67%)
- Blue (69%)



- Cyan (26%)
- Magenta (0%)
- Yellow (22%)
- Black (31%)



- Cyan (49%)
- Magenta (31%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83B18A 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 83B18A by changing the saturation by 10% instead.



83B18A



83B18A

FFFFFF



699670



B9E9C0



507C58



D5FFDB



386340



F1FFF8



204B2A



063415



002000



000000



83B18A



83B18A



71B17B



95B199

 60B16C

 A6B1A8

 4EB15D

 B8B1B7

 3CB14E

 CAB1C6

 2AB13F

 DBB1D5

 19B130

 EDB1E4

 07B121

 FFB1F3

 00B11B

 FFB1FF

Harmonies

Analogous

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



A0AB79



83B18A



68B4A3

Triad

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



83B18A



82A9D8



D89590

Complementary

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



83B18A



B183AA

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.



D594A9



83B18A



A6A0D3

Square

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



83B18A



63B0CF



C498C2



CE9B7D

Rectangle

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



83B18A



5BB4B4



C498C2



D99498

Sweetspot

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



83B18A



D3E6D6



AAB183



677369



F2F2F2



737373

Same Dimension

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



83B18A



9EE6A9



83B1A1



505952



009917



001A04

Inverse Universe

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



B183AA



E69EDB



B18393



595058



990082



1A0016

Previews

White Background



This preview shows how the Hex color 83B18A looks on a white background.

Color Contrast Check

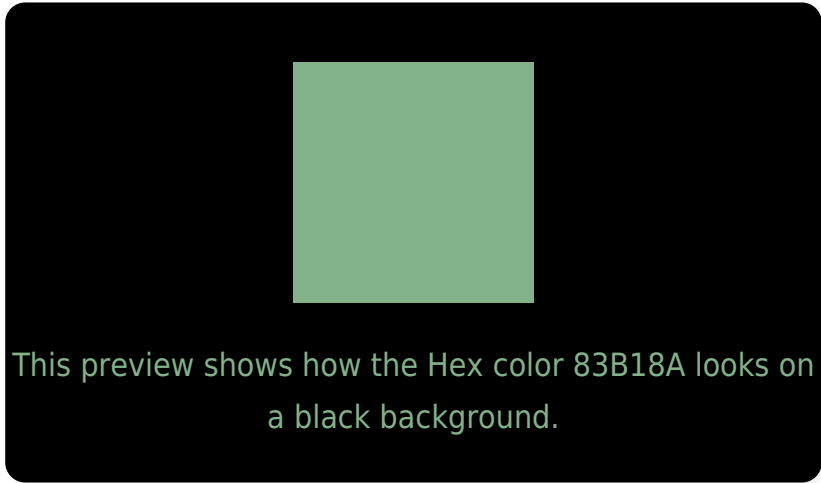
Large Text (above 18pt) WCAG AA × Fail

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

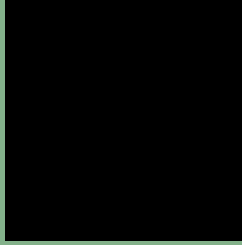
Any Text WCAG AA ✓ Pass

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 83B18A Background



This preview shows how black text looks on a background with the Hex color 83B18A.

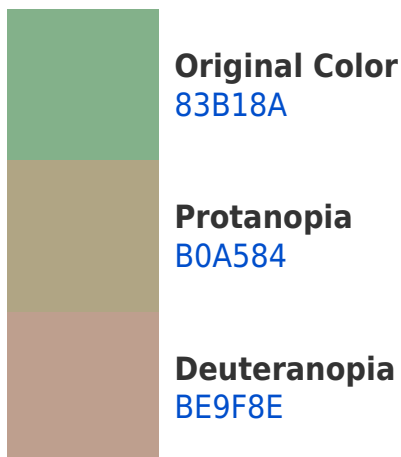


This preview shows how white text looks on a background with the Hex color 83B18A.

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](#).

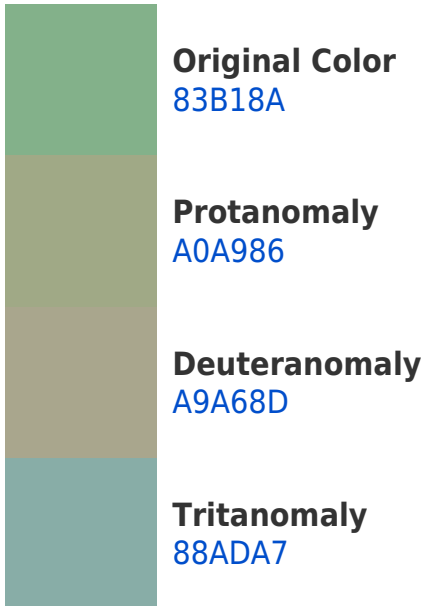
Dichromacy



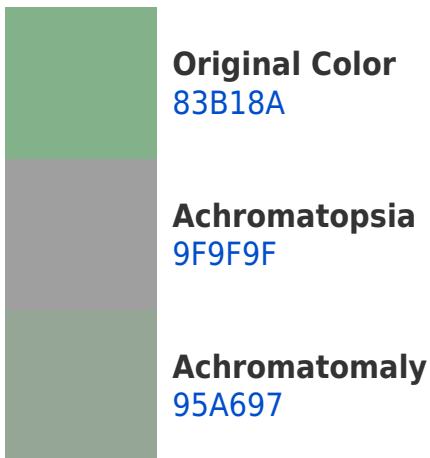


Tritanopia
8BABB8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83B18A 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 #83B18A looks like.

```
.text, #text, p{  
    color:#83B18A  
}
```

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 #83B18A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83B18A
}
```

Border

The CSS property to change the border of an element to Hex 83B18A 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
#83B18A }
```

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

```
.border{ border-color:#83B18A }
```

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

Here you see how a box with a 4 pixel #83B18A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83B18A; -webkit-box-shadow:4px 4px  
4px 4px #83B18A; box-shadow:4px 4px 4px  
4px #83B18A }
```

Background

The CSS property to change the background color of an element to Hex 83B18A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83B18A }
```

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

```
.background{ background-color:#83B18A }
```

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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