

Converting Colors

Hex(83B5A8)

Have a look what the booklet for
Hex(83B5A8) contains.

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Color

Hex(83B5A8)

Conversions

Conversions Part 1

Format	Color
Hex	83B5A8
RGB	131, 181, 168
RGB Percent	51%, 71%, 66%
CMY	0.4863, 0.2902, 0.3412
CMYK	0.28, 0.00, 0.07, 0.29
HSL	164°, 25%, 61%
HSV	164°, 28%, 71%
XYZ	32.9518, 40.7002, 43.1650
YIQ	164.5680, -25.6270, -14.6430

Conversions

Conversions Part 2

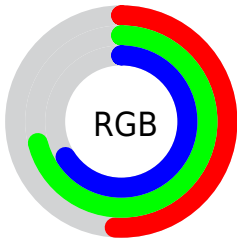
Format	Color
RYB	131, 160, 181
Decimal	8631720
CIELab	69.97, -19.29, 1.29
CIELCh	70, 19.333, 176.162
Yxy	40.7002, 0.2821, 0.3484
Android (android.graphics.Color)	4286821800 (0xFF83B5A8)
YUV	164.5680, 1.6920, -29.4391
Hunter-Lab	63.7967, -19.4467, 4.5420

Details

The Hex color **83B5A8** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **B58390**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **B9EDDF**, and **508074** is the 20% darker color. If you saturate the color by 10%, you get **71B5A3**, and if you desaturate by 10%, it is **95B5AD**.

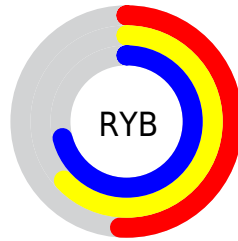
Distribution



Red (51%)

Green (71%)

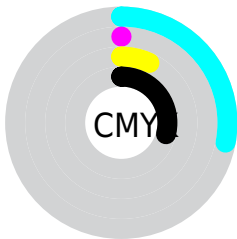
Blue (66%)



Red (51%)

Yellow (63%)

Blue (71%)

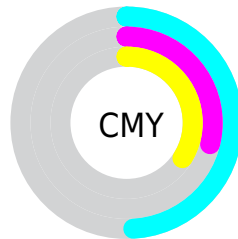


Cyan (28%)

Magenta (0%)

Yellow (7%)

Black (29%)



Cyan (49%)

Magenta (29%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83B5A8 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 83B5A8 by changing the saturation by 10% instead.



83B5A8



83B5A8

FFFFFF



699A8E



B9EDDF



508074



D5FFFC



37675C



F2FFFF



1E4F44



02372E



002219



000000



83B5A8



83B5A8



71B5A3



95B5AD

 5FB59F

 A7B5B1

 4DB59A

 B9B5B6

 3BB595

 CBB5BB

 28B590

 DDB5C0

 16B58C

 F0B5C4

 04B587

 FFB5C9

 00B586

 FFB5CE

 FFB5D2

Harmonies

Analogous

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



94B397



83B5A8



7BB5BA

Triad

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



83B5A8



ABA7CA



C9A38E

Complementary

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



83B5A8



B58390

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.



D09F9C



83B5A8



C0A2BF

Square

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



83B5A8



94ADCE



CD9FAE



BBA988

Rectangle

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



83B5A8



7EB3C4



CD9FAE



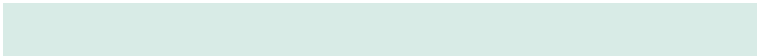
CCA292

Sweetspot

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



83B5A8



D8EBE6



90B583



6A7572



F5F5F5



757575

Same Dimension

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



83B5A8



9DEBD6



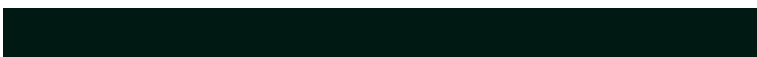
83A9B5



505957



009971



001A13

Inverse Universe

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



B58390



EB9DB1



B58F83



595053



990028



1A0007

Previews

White Background



This preview shows how the Hex color 83B5A8 looks on a white background.

Color Contrast Check

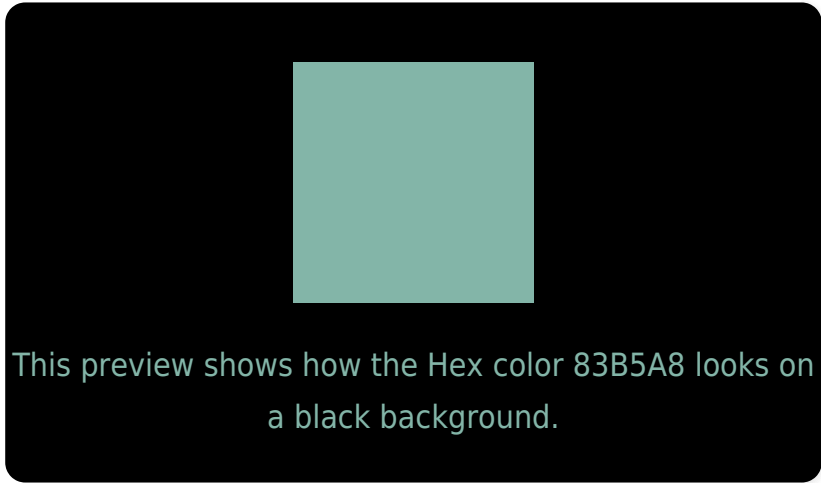
Large Text (above 18pt) WCAG AA × Fail

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

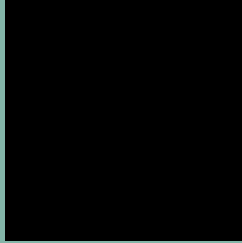
Any Text WCAG AA ✓ Pass

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 83B5A8 Background



This preview shows how black text looks on a background with the Hex color 83B5A8.

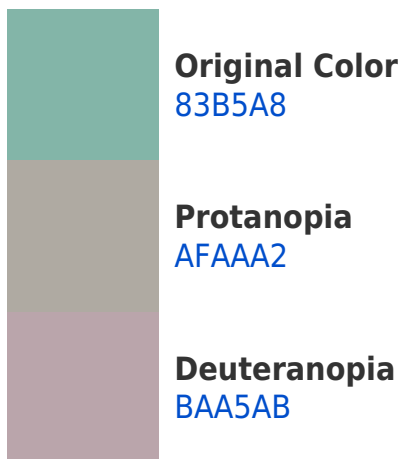


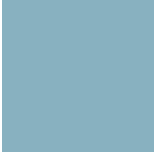
This preview shows how white text looks on a background with the Hex color 83B5A8.

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](#).

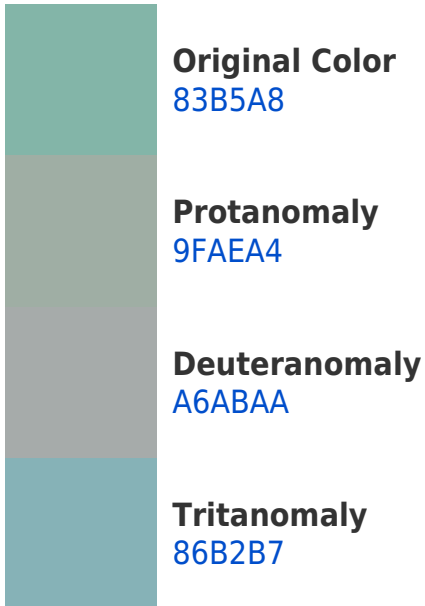
Dichromacy



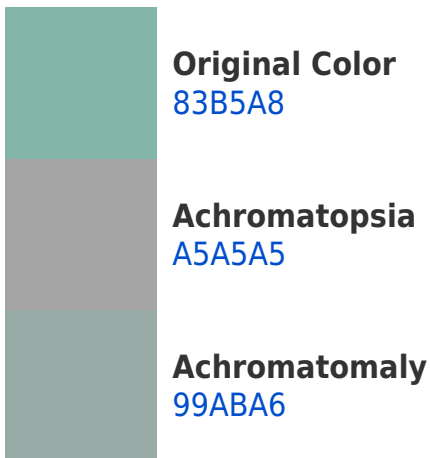


Tritanopia
88B1C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83B5A8 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 #83B5A8 looks like.

```
.text, #text, p{  
    color:#83B5A8  
}
```

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 #83B5A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83B5A8  
}
```

Border

The CSS property to change the border of an element to Hex 83B5A8 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  
#83B5A8 }
```

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

```
.border{ border-color:#83B5A8 }
```

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

Here you see how a box with a 4 pixel #83B5A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83B5A8; -webkit-box-shadow:4px 4px  
4px 4px #83B5A8; box-shadow:4px 4px 4px  
4px #83B5A8 }
```

Background

The CSS property to change the background color of an element to Hex 83B5A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83B5A8 }
```

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

```
.background{ background-color:#83B5A8 }
```

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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