

Converting Colors

Hex(83B2AA)

Have a look what the booklet for
Hex(83B2AA) contains.

Hex(83B2AA)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(83B2AA)

Conversions

Conversions Part 1

Format	Color
Hex	83B2AA
RGB	131, 178, 170
RGB Percent	51%, 70%, 67%
CMY	0.4863, 0.3020, 0.3333
CMYK	0.26, 0.00, 0.04, 0.30
HSL	170°, 23%, 61%
HSV	170°, 26%, 70%
XYZ	32.5362, 39.5684, 43.9528
YIQ	163.0350, -25.4440, -12.4520

Conversions

Conversions Part 2

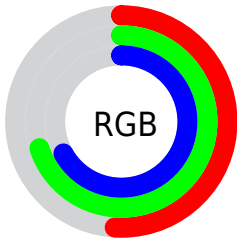
Format	Color
RYB	131, 157, 178
Decimal	8630954
CIELab	69.16, -17.31, -0.98
CIElCh	69, 17.334, 183.245
Yxy	39.5684, 0.2803, 0.3409
Android (android.graphics.Color)	4286821034 (0xFF83B2AA)
YUV	163.0350, 3.4337, -28.0947
Hunter-Lab	62.9034, -17.7535, 2.6043

Details

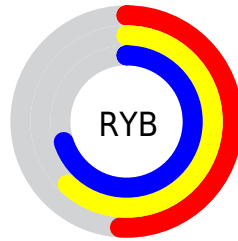
The Hex color **83B2AA** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B2838B**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **B9EAE1**, and **507D76** is the 20% darker color. If you saturate the color by 10%, you get **71B2A7**, and if you desaturate by 10%, it is **95B2AD**.

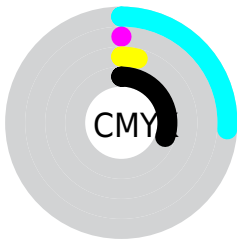
Distribution



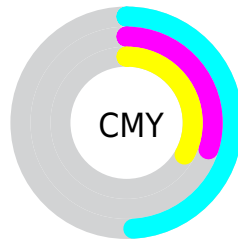
- Red (51%)
- Green (70%)
- Blue (67%)



- Red (51%)
- Yellow (62%)
- Blue (70%)



- Cyan (26%)
- Magenta (0%)
- Yellow (4%)
- Black (30%)



- Cyan (49%)
- Magenta (30%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83B2AA 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 83B2AA by changing the saturation by 10% instead.

 83B2AA

 83B2AA

FFFFFF

 699790

 B9EAE1

 507D76

 D5FFFE

 37645D

 F2FFFF

 1F4C46


 03352F

 00201B

 000000

 83B2AA

 83B2AA

 71B2A7

 95B2AD

 5FB2A4

 A7B2B0

 4EB2A1

 B8B2B3

 3CB29E

 CAB2B6

 2AB29B

 DCB2B9

 18B298

 EEB2BC

 06B295

 FFB2BF

 00B294

 FFB2C2

 FFB2C5

Harmonies

Analogous

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



90B19A



83B2AA



7FB1B9

Triad

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



83B2AA



AEA4C3



C1A38D

Complementary

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



83B2AA



B2838B

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.



C99F98



83B2AA



BFA0B7

Square

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



83B2AA



99AAC8



C89EA8



B3A88A

Rectangle

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



83B2AA



83AFC1



C89EA8



C5A290

Sweetspot

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



83B2AA



D5E8E5



8CB283



6A7573



F5F5F5



757575

Same Dimension

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



83B2AA



9EE8DB



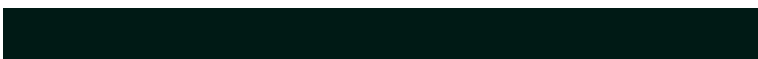
83A3B2



505958



00997F



001A15

Inverse Universe

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



B2838B



E89EAA



B29283



595052



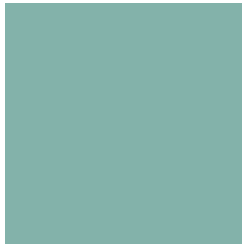
99001A



1A0004

Previews

White Background



This preview shows how the Hex color 83B2AA looks on a white background.

Color Contrast Check

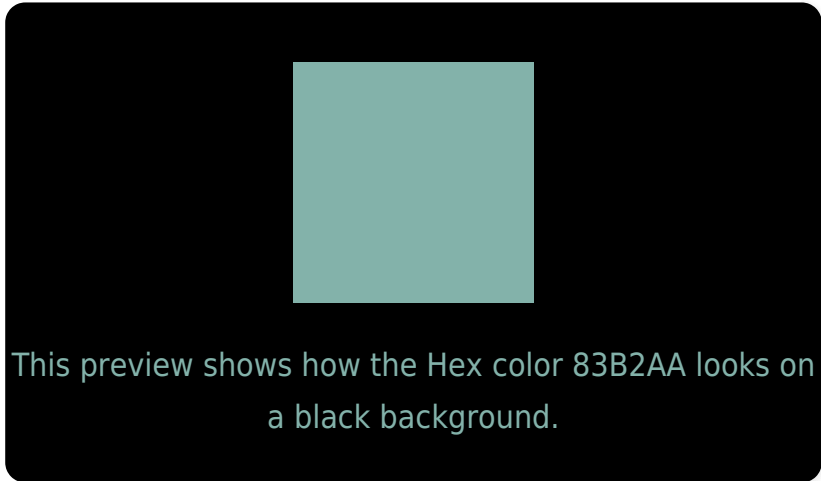
Large Text (above 18pt) WCAG AA × Fail

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

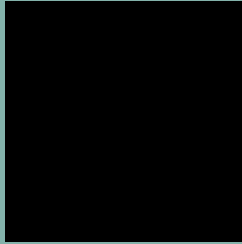
Any Text WCAG AA ✓ Pass

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 83B2AA Background



This preview shows how black text looks on a background with the Hex color 83B2AA.

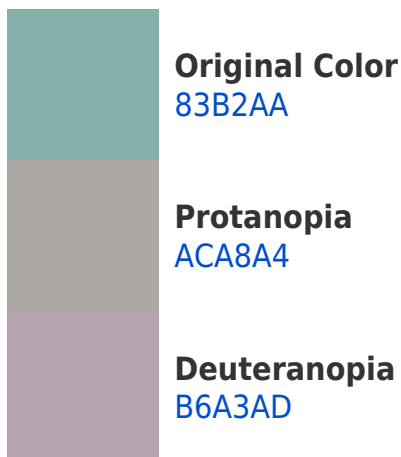


This preview shows how white text looks on a background with the Hex color 83B2AA.

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](#).

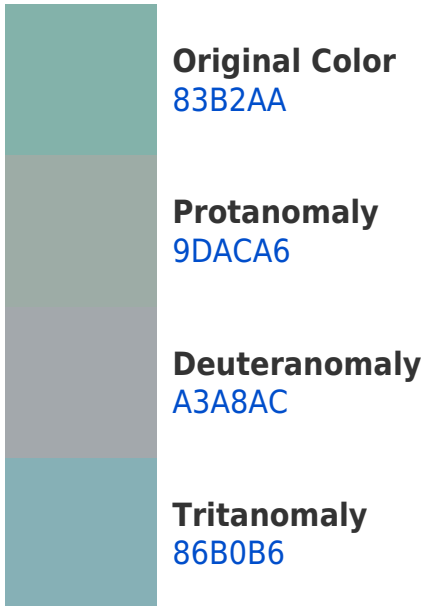
Dichromacy



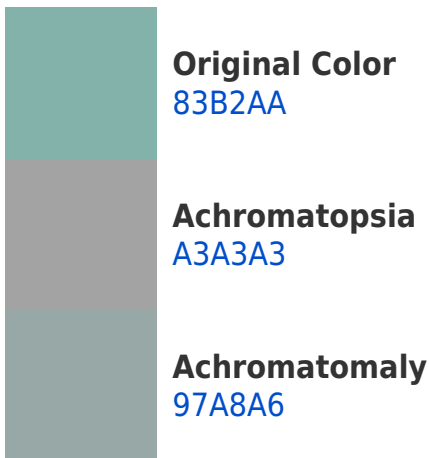


Tritanopia
87AFBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 83B2AA 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 #83B2AA looks like.

```
.text, #text, p{  
    color:#83B2AA  
}
```

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 #83B2AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83B2AA
}
```

Border

The CSS property to change the border of an element to Hex 83B2AA 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
#83B2AA }
```

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

```
.border{ border-color:#83B2AA }
```

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

Here you see how a box with a 4 pixel #83B2AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83B2AA; -webkit-box-shadow:4px 4px  
4px 4px #83B2AA; box-shadow:4px 4px 4px  
4px #83B2AA }
```

Background

The CSS property to change the background color of an element to Hex 83B2AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83B2AA }
```

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

```
.background{ background-color:#83B2AA }
```

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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