

# Converting Colors

Hex(83B0AE)

Have a look what the booklet for  
Hex(83B0AE) contains.

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**Color**

**Hex(83B0AE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	83B0AE
RGB	131, 176, 174
RGB Percent	51%, 69%, 68%
CMY	0.4863, 0.3098, 0.3176
CMYK	0.26, 0.00, 0.01, 0.31
HSL	177°, 22%, 60%
HSV	177°, 26%, 69%
XYZ	32.5254, 38.9320, 45.8447
YIQ	162.3170, -26.1780, -10.1620

# Conversions

## Conversions Part 2

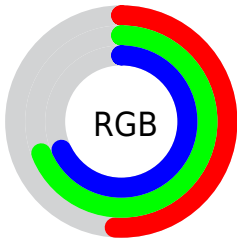
Format	Color
<a href="#">RYB</a>	<a href="#">131, 154, 176</a>
Decimal	<a href="#">8630446</a>
CIELab	<a href="#">68.70, -15.37, -3.86</a>
CIELCh	<a href="#">69, 15.844, 194.115</a>
Yxy	<a href="#">38.9320, 0.2773, 0.3319</a>
Android (android.graphics.Color)	<a href="#">4286820526 (0xFF83B0AE)</a>
YUV	<a href="#">162.3170, 5.7597, -27.4650</a>
Hunter-Lab	<a href="#">62.3955, -16.1440, 0.1138</a>

# Details

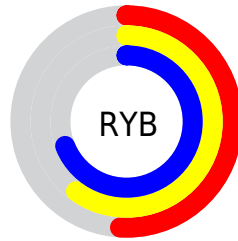
The Hex color **83B0AE** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B08385**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **B9E8E5**, and **507B7A** is the 20% darker color. If you saturate the color by 10%, you get **71B0AD**, and if you desaturate by 10%, it is **95B0AF**.

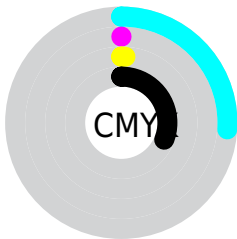
# Distribution



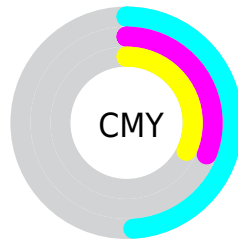
- Red (51%)
- Green (69%)
- Blue (68%)



- Red (51%)
- Yellow (60%)
- Blue (69%)



- Cyan (26%)
- Magenta (0%)
- Yellow (1%)
- Black (31%)



- Cyan (49%)
- Magenta (31%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 83B0AE 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 83B0AE by changing the saturation by 10% instead.





83B0AE



83B0AE

FFFFFF



699593



B9E8E5



507B7A



D5FFFF



376261



F2FFFF



1F4A49



033433



001F1E



000004



000000



83B0AE



83B0AE

 71B0AD

 95B0AF

 60B0AC

 A6B0B0

 4EB0AC

 B8B0B0

 3DB0AB

 C9B0B1

 2BB0AA

 DBB0B2

 19B0A9

 EDB0B3

 08B0A9

 FEB0B3

 00B0A8

 FFB0B4

 FFB0B5

# Harmonies

## Analogous

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



8CAF9F



83B0AE



84AFBB

# Triad

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



83B0AE



B2A2BC



BAA48C

# Complementary

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



83B0AE



B08385

# 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.



C4A094



83B0AE



C09EB0

# Square

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



83B0AE



A0A7C3



C69EA1



ACA98C

# Rectangle

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



83B0AE



8AACCC



C69EA1



BEA38E



# Sweetspot

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



83B0AE



D3E6E5



85B083



677372



F2F2F2



737373



# Same Dimension

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



83B0AE



9EE6E2



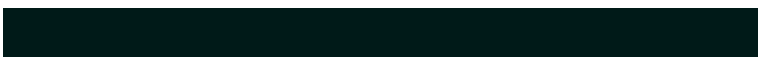
839CB0



505959



009992



001A18



# Inverse Universe

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



B08385



E69EA2



B09783



595051



990007



1A0001



# Previews

## White Background



This preview shows how the Hex color 83B0AE looks on a white background.

## Color Contrast Check

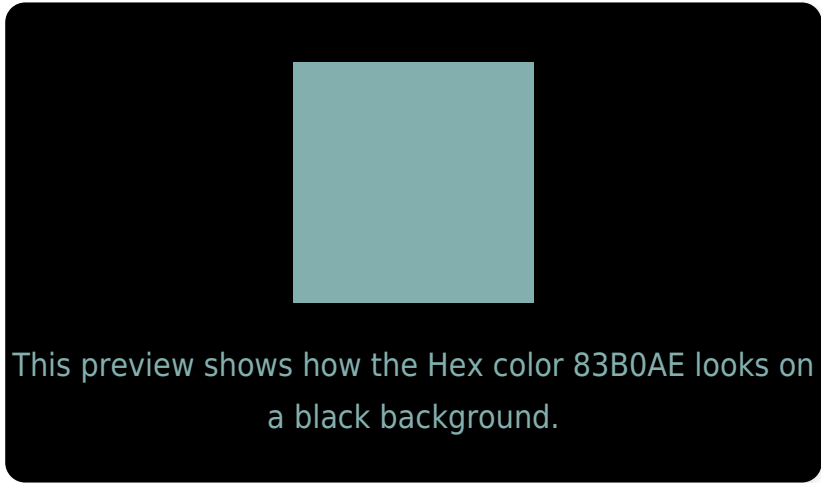
Large Text (above 18pt) WCAG AA × Fail

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

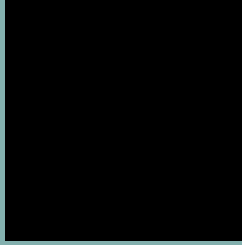
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 83B0AE Background



This preview shows how black text looks on a background with the Hex color 83B0AE.

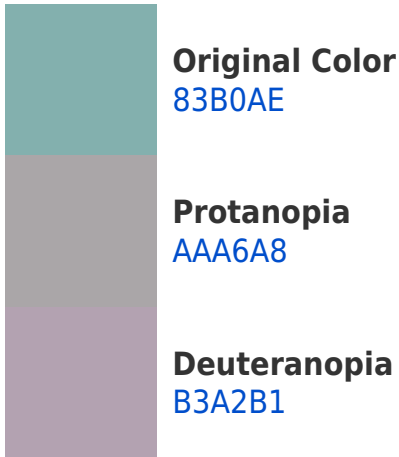


This preview shows how white text looks on a background with the Hex color 83B0AE.

# 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**  
86AEBC

# Trichromacy



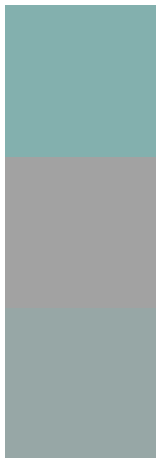
**Original Color**  
83B0AE

**Protanomaly**  
9CAAAA

**Deuteranomaly**  
A2A7B0

**Tritanomaly**  
85AFB7

# Monochromacy



**Original Color**  
83B0AE

**Achromatopsia**  
A2A2A2

**Achromatomaly**  
97A7A6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 83B0AE 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 #83B0AE looks like.

```
.text, #text, p{  
    color:#83B0AE  
}
```

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 #83B0AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83B0AE }  
}
```

## Border

The CSS property to change the border of an element to Hex 83B0AE 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 #83B0AE }  
}
```

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

```
.border{ border-color:#83B0AE }
```

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

Here you see how a box with a 4 pixel #83B0AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83B0AE; -webkit-box-shadow:4px 4px  
4px 4px #83B0AE; box-shadow:4px 4px 4px  
4px #83B0AE }
```

# Background

The CSS property to change the background color of an element to Hex 83B0AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83B0AE }
```

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

```
.background{ background-color:#83B0AE }
```

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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