

# Converting Colors

Hex(83B0A2)

Have a look what the booklet for  
Hex(83B0A2) contains.

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# **Color**

**Hex(83B0A2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	83B0A2
RGB	131, 176, 162
RGB Percent	51%, 69%, 64%
CMY	0.4863, 0.3098, 0.3647
CMYK	0.26, 0.00, 0.08, 0.31
HSL	161°, 22%, 60%
HSV	161°, 26%, 69%
XYZ	31.4070, 38.4846, 39.9554
YIQ	160.9490, -22.3260, -13.8940

# Conversions

## Conversions Part 2

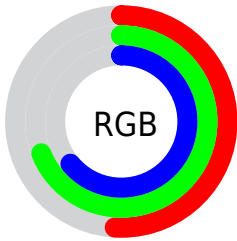
Format	Color
<a href="#">RYB</a>	<a href="#">131, 158, 176</a>
Decimal	<a href="#">8630434</a>
CIELab	<a href="#">68.38, -18.02, 2.29</a>
CIElCh	<a href="#">68, 18.162, 172.757</a>
Yxy	<a href="#">38.4846, 0.2859, 0.3503</a>
Android (android.graphics.Color)	<a href="#">4286820514</a> ( <a href="#">0xFF83B0A2</a> )
YUV	<a href="#">160.9490, 0.5181, -26.2653</a>
Hunter-Lab	<a href="#">62.0360, -18.1936, 5.2384</a>

# Details

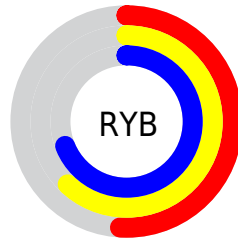
The Hex color **83B0A2** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B08391**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **B9E8D9**, and **507B6E** is the 20% darker color. If you saturate the color by 10%, you get **71B09D**, and if you desaturate by 10%, it is **95B0A7**.

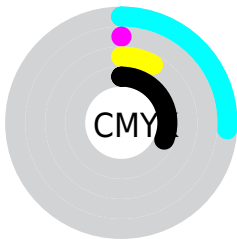
# Distribution



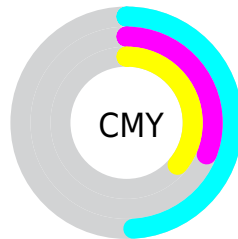
- Red (51%)
- Green (69%)
- Blue (64%)



- Red (51%)
- Yellow (62%)
- Blue (69%)



- Cyan (26%)
- Magenta (0%)
- Yellow (8%)
- Black (31%)



- Cyan (49%)
- Magenta (31%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 83B0A2 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 83B0A2 by changing the saturation by 10% instead.





83B0A2



83B0A2

FFFFFF



699588



B9E8D9



507B6E



D5FFF5



386256



F2FFFF



204A3F



063329



001F15



000000



83B0A2



83B0A2



71B09D



95B0A7

■ 60B097

■ A6B0AD

■ 4EB092

■ B8B0B2

■ 3DB08C

■ C9B0B8

■ 2BB087

■ DBB0BD

■ 19B081

■ EDB0C3

■ 08B07C

■ FEB0C8

■ 00B079

■ FFB0CE

■ FFB0D3

# Harmonies

## Analogous

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



93AE92



83B0A2



7BB0B3

# Triad

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



83B0A2



A5A4C5



C49F8D

# Complementary

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



83B0A2



B08391

# 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.



C99C9B



83B0A2



B89FBB

# Square

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



83B0A2



8FA9C7



C59CAB



B7A486

# Rectangle

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



83B0A2



7CAFBC



C59CAB



C79E91



# Sweetspot

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



83B0A2



D3E6E0



91B083



67736F



F2F2F2



737373



# Same Dimension

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



83B0A2



9EE6CF



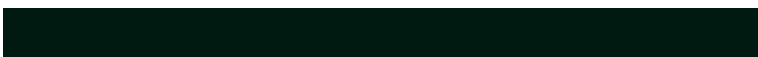
83A8B0



505956



009969



001A12



# Inverse Universe

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



B08391



E69EB4



B08B83



595053



990030



1A0008



# Previews

## White Background



This preview shows how the Hex color 83B0A2 looks on a white background.

## Color Contrast Check

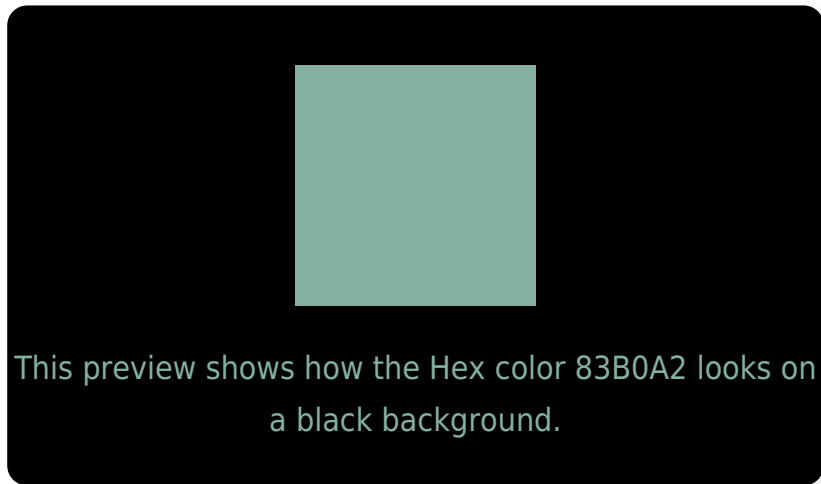
Large Text (above 18pt) WCAG AA × Fail

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

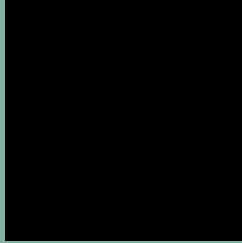
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 83B0A2 Background



This preview shows how black text looks on a background with the Hex color 83B0A2.

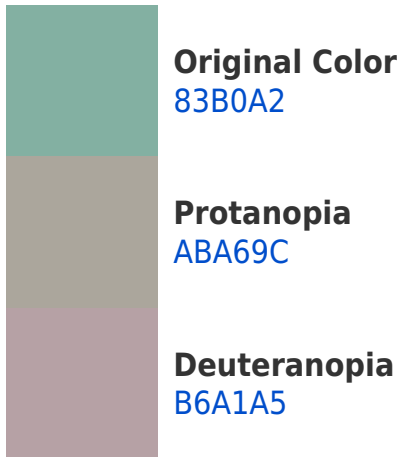


This preview shows how white text looks on a background with the Hex color 83B0A2.

# Color Blindness Simulation

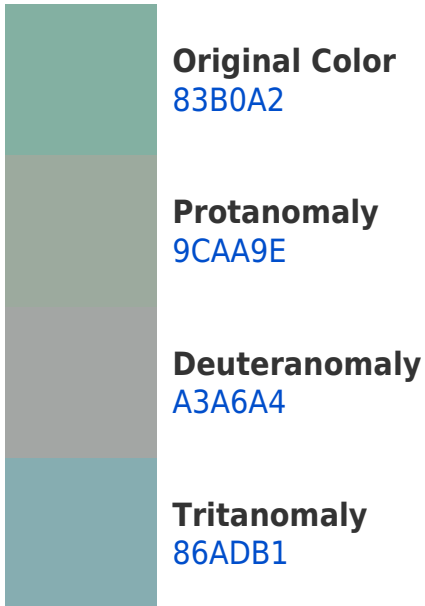
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

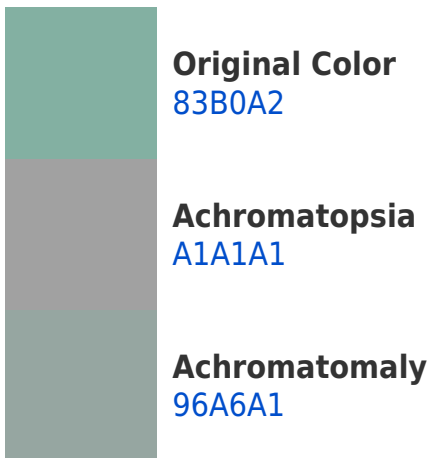




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 83B0A2 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 #83B0A2 looks like.

```
.text, #text, p{  
    color:#83B0A2  
}
```

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 #83B0A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83B0A2
}
```

## Border

The CSS property to change the border of an element to Hex 83B0A2 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
#83B0A2 }
```

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

```
.border{ border-color:#83B0A2 }
```

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

Here you see how a box with a 4 pixel #83B0A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83B0A2; -webkit-box-shadow:4px 4px  
4px 4px #83B0A2; box-shadow:4px 4px 4px  
4px #83B0A2 }
```

# Background

The CSS property to change the background color of an element to Hex 83B0A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83B0A2 }
```

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

```
.background{ background-color:#83B0A2 }
```

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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