

# Converting Colors

Hex(81B1A3)

Have a look what the booklet for  
Hex(81B1A3) contains.

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# Color

**Hex(81B1A3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	81B1A3
RGB	129, 177, 163
RGB Percent	51%, 69%, 64%
CMY	0.4941, 0.3059, 0.3608
CMYK	0.27, 0.00, 0.08, 0.31
HSL	162°, 24%, 60%
HSV	162°, 27%, 69%
XYZ	31.3863, 38.7558, 40.4767
YIQ	161.0520, -24.1140, -14.5300

# Conversions

## Conversions Part 2

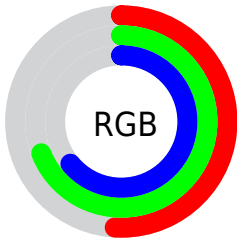
Format	Color
<a href="#">RYB</a>	<a href="#">129, 157, 177</a>
Decimal	<a href="#">8499619</a>
CIELab	<a href="#">68.57, -18.95, 2.01</a>
CIELCh	<a href="#">69, 19.052, 173.942</a>
Yxy	<a href="#">38.7558, 0.2837, 0.3504</a>
Android (android.graphics.Color)	<a href="#">4286689699</a> ( <a href="#">0xFF81B1A3</a> )
YUV	<a href="#">161.0520, 0.9604, -28.1096</a>
Hunter-Lab	<a href="#">62.2541, -18.9515, 5.0284</a>

# Details

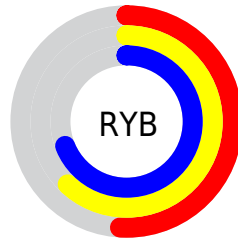
The Hex color **81B1A3** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B1818F**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **B7E9DA**, and **4E7C6F** is the 20% darker color. If you saturate the color by 10%, you get **6FB19E**, and if you desaturate by 10%, it is **93B1A8**.

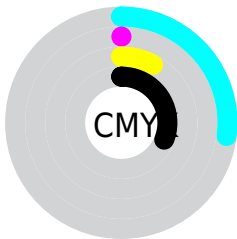
# Distribution



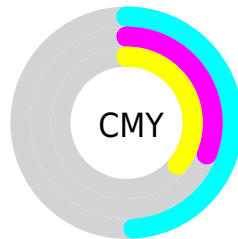
- Red (51%)
- Green (69%)
- Blue (64%)



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



- Cyan (27%)
- Magenta (0%)
- Yellow (8%)
- Black (31%)



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

# Brightness & Saturation Gradients

These gradients show how the Hex color 81B1A3 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 81B1A3 by changing the saturation by 10% instead.





81B1A3



81B1A3

FFFFFF



679689



B7E9DA



4E7C6F



D3FFF6



366357



F0FFFF



1D4B40



02342A



001F15



000000



81B1A3



81B1A3



6FB19E



93B1A8

 5EB199

 A4B1AD

 4CB194

 B6B1B2

 3AB18E

 C8B1B8

 29B189

 DAB1BD

 17B184

 EBB1C2

 05B17F

 FDB1C7

 00B17D

 FFB1CC

 FFB1D1

# Harmonies

## Analogous

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



92AF93



81B1A3



78B1B5

# Triad

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



81B1A3



A6A4C7



C59F8C

# Complementary

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



81B1A3



B1818F

# 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.



CB9C9A



81B1A3



BA9FBC

# Square

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



81B1A3



8FAAC9



C89BAB



B8A585

# Rectangle

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



81B1A3



7AB0BE



C89BAB



C89E90



# Sweetspot

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



81B1A3



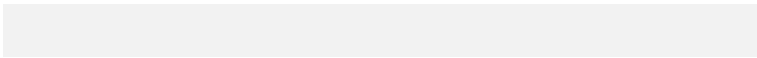
D3E6E0



8FB181



67736F



F2F2F2



737373



# Same Dimension

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



81B1A3



9AE6CF



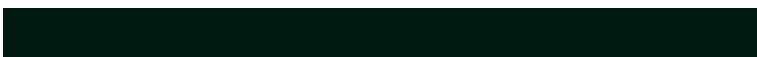
81A7B1



505957



00996C



001A12



# Inverse Universe

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



B1818F



E69AB0



B18B81



595053



99002D



1A0007



# Previews

## White Background



This preview shows how the Hex color 81B1A3 looks on a white background.

## Color Contrast Check

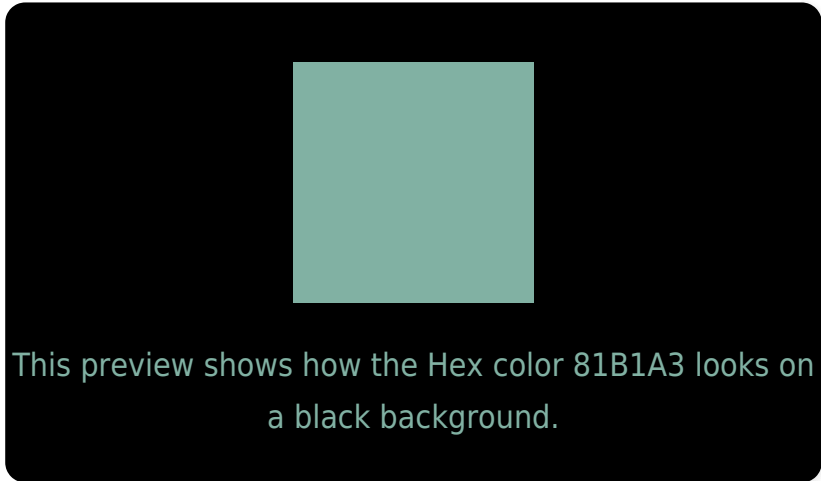
Large Text (above 18pt) WCAG AA × Fail

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

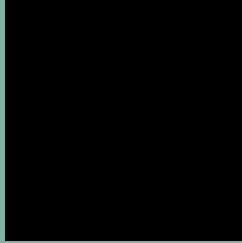
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 81B1A3 Background



This preview shows how black text looks on a background with the Hex color 81B1A3.

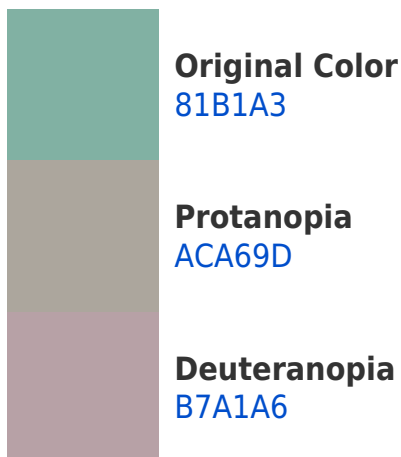


This preview shows how white text looks on a background with the Hex color 81B1A3.

# 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](#).

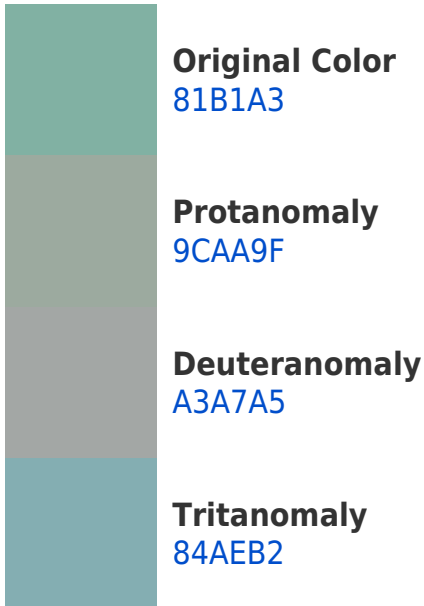
## Dichromacy



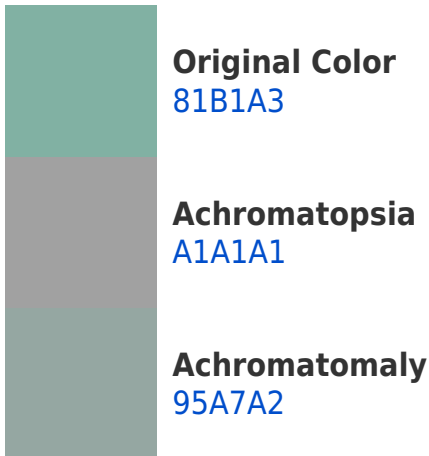


**Tritanopia**  
86ADBB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 81B1A3 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 #81B1A3 looks like.

```
.text, #text, p{  
    color:#81B1A3  
}
```

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 #81B1A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81B1A3  
}
```

## Border

The CSS property to change the border of an element to Hex 81B1A3 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  
#81B1A3 }
```

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

```
.border{ border-color:#81B1A3 }
```

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

Here you see how a box with a 4 pixel #81B1A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81B1A3; -webkit-box-shadow:4px 4px  
4px 4px #81B1A3; box-shadow:4px 4px 4px  
4px #81B1A3 }
```

# Background

The CSS property to change the background color of an element to Hex 81B1A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81B1A3 }
```

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

```
.background{ background-color:#81B1A3 }
```

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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