

Converting Colors

Hex(81B2A0)

Have a look what the booklet for
Hex(81B2A0) contains.

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Color

Hex(81B2A0)

Conversions

Conversions Part 1

Format	Color
Hex	81B2A0
RGB	129, 178, 160
RGB Percent	51%, 70%, 63%
CMY	0.4941, 0.3020, 0.3725
CMYK	0.28, 0.00, 0.10, 0.30
HSL	158°, 24%, 60%
HSV	158°, 28%, 70%
XYZ	31.3188, 39.0460, 39.1437
YIQ	161.2970, -23.4260, -15.9860

Conversions

Conversions Part 2

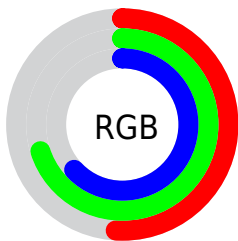
Format	Color
RYB	129, 159, 178
Decimal	8499872
CIELab	68.78, -20.10, 3.97
CIElCh	69, 20.489, 168.827
Yxy	39.0460, 0.2860, 0.3566
Android (android.graphics.Color)	4286689952 (0xFF81B2A0)
YUV	161.2970, -0.6394, -28.3245
Hunter-Lab	62.4868, -19.8864, 6.5997

Details

The Hex color **81B2A0** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B28193**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **B7EAD7**, and **4E7D6D** is the 20% darker color. If you saturate the color by 10%, you get **6FB299**, and if you desaturate by 10%, it is **93B2A7**.

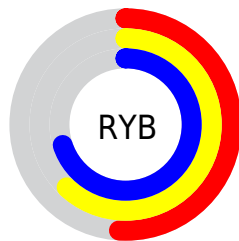
Distribution



Red (51%)

Green (70%)

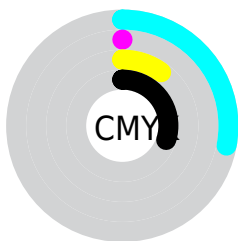
Blue (63%)



Red (51%)

Yellow (62%)

Blue (70%)

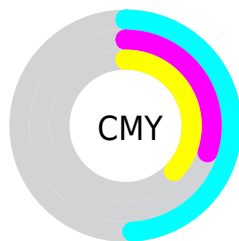


Cyan (28%)

Magenta (0%)

Yellow (10%)

Black (30%)



Cyan (49%)

Magenta (30%)


Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81B2A0 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 81B2A0 by changing the saturation by 10% instead.

 81B2A0

 81B2A0

FFFFFF

 679786

 B7EAD7

 4E7D6D

 D3FFF3

 366454


 F0FFFF


 1D4C3D

 023527

 002013

 000000

 81B2A0

 81B2A0

 6FB299

 93B2A7

 5DB293

 A5B2AD

 4CB28C

 B6B2B4

 3AB286

 C8B2BA

 28B27F

 DAB2C1

 16B279

 ECB2C7

 04B272

 FEB2CE

 00B271

 FFB2D4

 FFB2DB

Harmonies

Analogous

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



94AF8F



81B2A0



75B2B3

Triad

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



81B2A0



A2A5CB



CA9E8D

Complementary

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



81B2A0



B28193

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.



CE9B9D



81B2A0



B99FC0

Square

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



81B2A0



89ACCC



C99BB0



BDA484

Rectangle

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



81B2A0



75B1BE



C99BB0



CC9D91

Sweetspot

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



81B2A0



D5E8E1



94B281



6A7571



F5F5F5



757575

Same Dimension

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



81B2A0



9BE8CC



81ACB2



505956



009961



001A10

Inverse Universe

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



B28193



E89BB8



B28781



595054



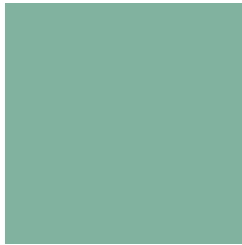
990038



1A0009

Previews

White Background



This preview shows how the Hex color 81B2A0 looks on a white background.

Color Contrast Check

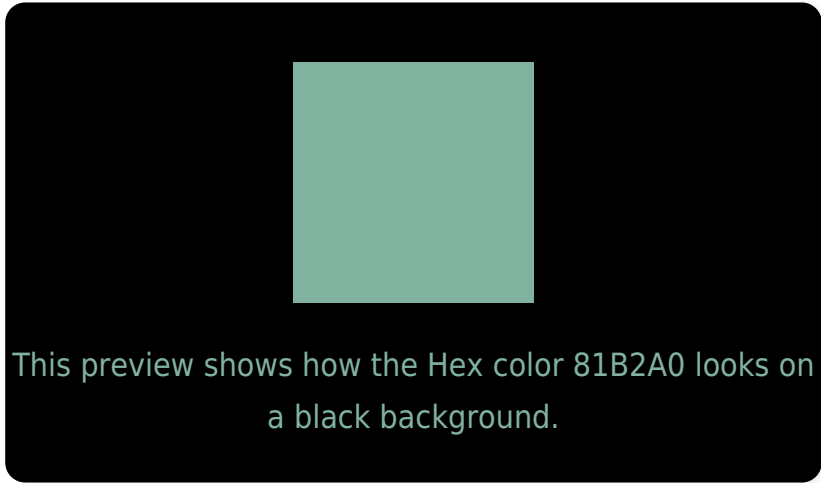
Large Text (above 18pt) WCAG AA × Fail

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

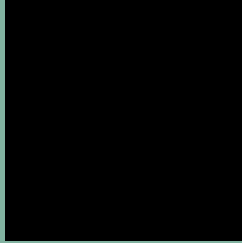
Any Text WCAG AA ✓ Pass

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 81B2A0 Background



This preview shows how black text looks on a background with the Hex color 81B2A0.

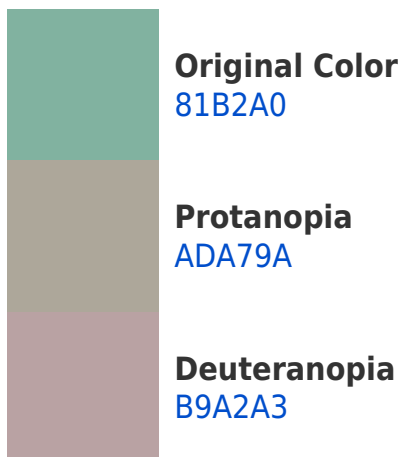


This preview shows how white text looks on a background with the Hex color 81B2A0.

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](#).

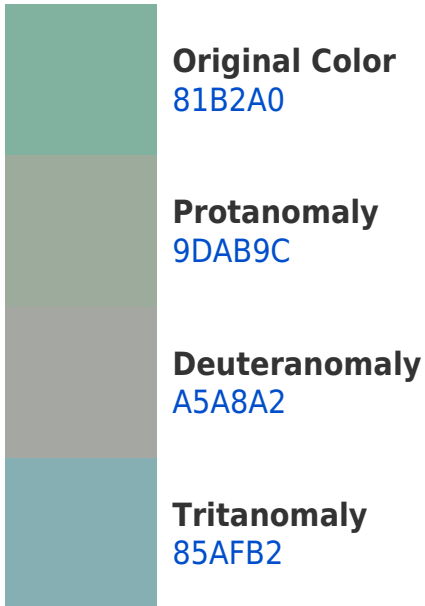
Dichromacy



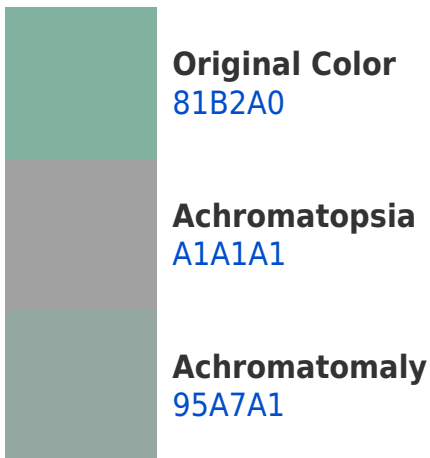


Tritanopia
87AEB3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81B2A0 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 #81B2A0 looks like.

```
.text, #text, p{  
    color:#81B2A0  
}
```

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 #81B2A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81B2A0
}
```

Border

The CSS property to change the border of an element to Hex 81B2A0 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
#81B2A0 }
```

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

```
.border{ border-color:#81B2A0 }
```

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

Here you see how a box with a 4 pixel #81B2A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81B2A0; -webkit-box-shadow:4px 4px  
4px 4px #81B2A0; box-shadow:4px 4px 4px  
4px #81B2A0 }
```

Background

The CSS property to change the background color of an element to Hex 81B2A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81B2A0 }
```

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

```
.background{ background-color:#81B2A0 }
```

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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