

Converting Colors

Hex(80B2AD)

Have a look what the booklet for
Hex(80B2AD) contains.

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Color

Hex(80B2AD)

Conversions

Conversions Part 1

Format	Color
Hex	80B2AD
RGB	128, 178, 173
RGB Percent	50%, 70%, 68%
CMY	0.4980, 0.3020, 0.3216
CMYK	0.28, 0.00, 0.03, 0.30
HSL	174°, 25%, 60%
HSV	174°, 28%, 70%
XYZ	32.3653, 39.4471, 45.4434
YIQ	162.4800, -28.1950, -12.1550

Conversions

Conversions Part 2

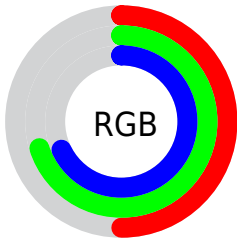
Format	Color
RYB	128, 154, 178
Decimal	8434349
CIELab	69.07, -17.54, -2.78
CIElCh	69, 17.763, 189.016
Yxy	39.4471, 0.2760, 0.3364
Android (android.graphics.Color)	4286624429 (0xFF80B2AD)
YUV	162.4800, 5.1864, -30.2390
Hunter-Lab	62.8069, -17.9286, 1.0661

Details

The Hex color **80B2AD** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B28085**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **B6EAE4**, and **4D7D79** is the 20% darker color. If you saturate the color by 10%, you get **6EB2AB**, and if you desaturate by 10%, it is **92B2AF**.

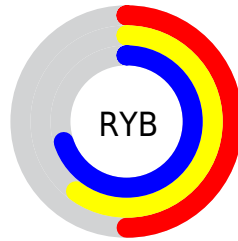
Distribution



Red (50%)

Green (70%)

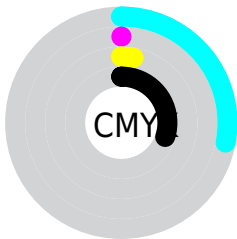
Blue (68%)



Red (50%)

Yellow (60%)

Blue (70%)

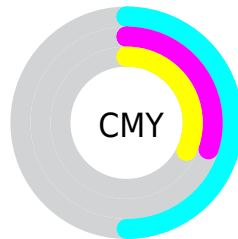


Cyan (28%)

Magenta (0%)

Yellow (3%)

Black (30%)



Cyan (50%)

Magenta (30%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80B2AD 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 80B2AD by changing the saturation by 10% instead.

 80B2AD

 80B2AD

FFFFFF

 669792

 B6EAE4

 4D7D79

 D2FFFF

 346460

 EFFFFFF

 1A4C48

 003532

 00201D

 000003

 000000

 80B2AD

 80B2AD

6EB2AB

92B2AF

5CB2A9

A4B2B1

4BB2A8

B5B2B2

39B2A6

C7B2B4

27B2A4

D9B2B6

15B2A2

EBB2B8

03B2A1

FDB2B9

00B2A0

FFB2BB

FFB2BD

Harmonies

Analogous

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



8CB19D



80B2AD



7EB1BC

Triad

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



80B2AD



B2A3C2



BFA48B

Complementary

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



80B2AD



B28085

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.



C99F95



80B2AD



C29FB4

Square

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



80B2AD



9DA8C8



CA9DA4



B0A989

Rectangle

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



80B2AD



84AFC4



CA9DA4



C3A28E

Sweetspot

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



80B2AD



D5E8E6



85B280



6A7574



F5F5F5



757575

Same Dimension

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



80B2AD



99E8E0



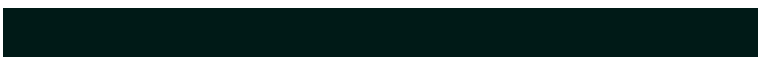
809EB2



505958



00998A



001A17

Inverse Universe

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



B28085



E899A1



B29480



595051



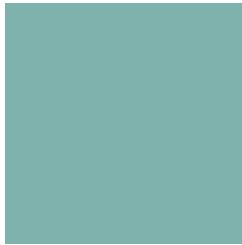
99000F



1A0003

Previews

White Background



This preview shows how the Hex color 80B2AD looks on a white background.

Color Contrast Check

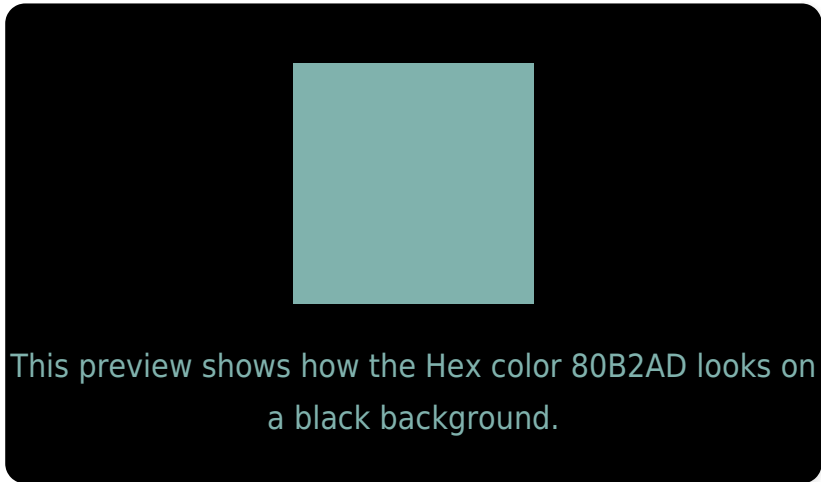
Large Text (above 18pt) WCAG AA × Fail

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

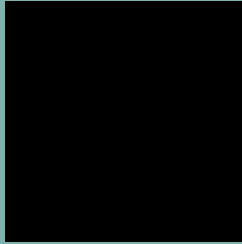
Any Text WCAG AA ✓ Pass

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 80B2AD Background



This preview shows how black text looks on a background with the Hex color 80B2AD.

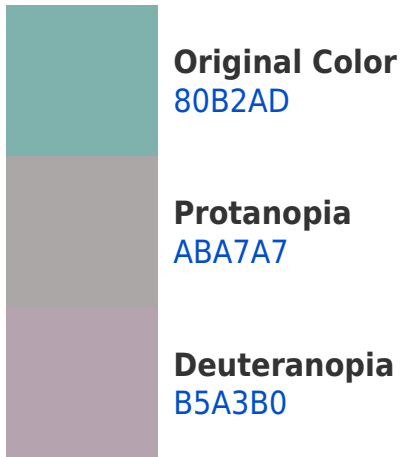


This preview shows how white text looks on a background with the Hex color 80B2AD.

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](#).

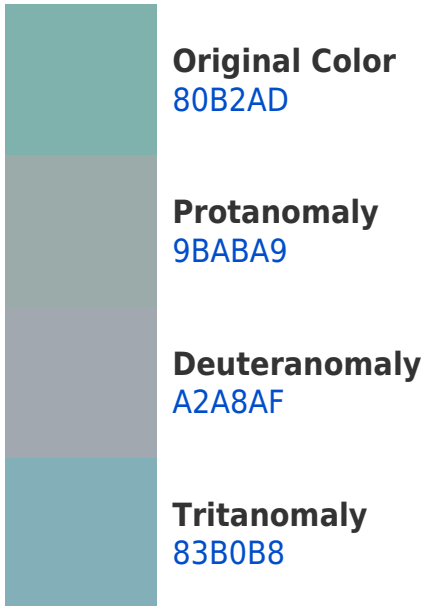
Dichromacy



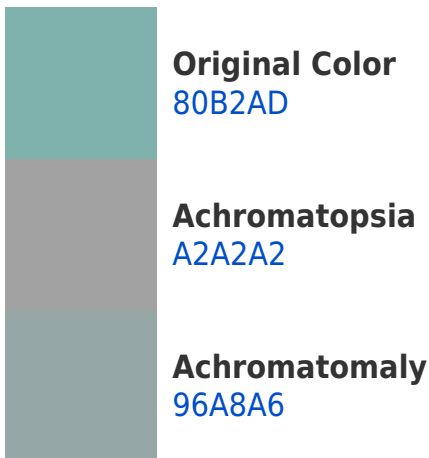


Tritanopia
84AFBE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80B2AD 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 #80B2AD looks like.

```
.text, #text, p{  
    color:#80B2AD  
}
```

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 #80B2AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80B2AD
}
```

Border

The CSS property to change the border of an element to Hex 80B2AD 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
#80B2AD }
```

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

```
.border{ border-color:#80B2AD }
```

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

Here you see how a box with a 4 pixel #80B2AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80B2AD; -webkit-box-shadow:4px 4px  
4px 4px #80B2AD; box-shadow:4px 4px 4px  
4px #80B2AD }
```

Background

The CSS property to change the background color of an element to Hex 80B2AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80B2AD }
```

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

```
.background{ background-color:#80B2AD }
```

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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