

Converting Colors

Hex(80B4A9)

Have a look what the booklet for
Hex(80B4A9) contains.

Hex(80B4A9)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(80B4A9)

Conversions

Conversions Part 1

Format	Color
Hex	80B4A9
RGB	128, 180, 169
RGB Percent	50%, 71%, 66%
CMY	0.4980, 0.2941, 0.3373
CMYK	0.29, 0.00, 0.06, 0.29
HSL	167°, 26%, 60%
HSV	167°, 29%, 71%
XYZ	32.3848, 40.0963, 43.5686
YIQ	163.1980, -27.4610, -14.4450

Conversions

Conversions Part 2

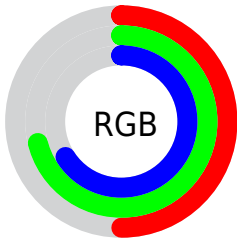
Format	Color
RYB	128, 157, 180
Decimal	8434857
CIELab	69.54, -19.47, 0.10
CIElCh	70, 19.475, 179.704
Yxy	40.0963, 0.2791, 0.3455
Android (android.graphics.Color)	4286624937 (0xFF80B4A9)
YUV	163.1980, 2.8604, -30.8686
Hunter-Lab	63.3216, -19.5220, 3.5305

Details

The Hex color **80B4A9** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **B4808B**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **B6ECE0**, and **4D7F75** is the 20% darker color. If you saturate the color by 10%, you get **6EB4A5**, and if you desaturate by 10%, it is **92B4AD**.

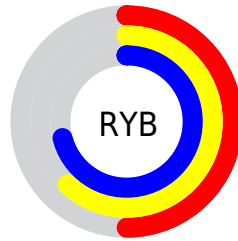
Distribution



Red (50%)

Green (71%)

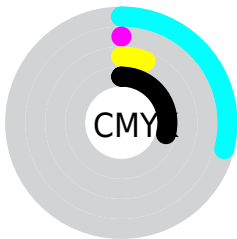
Blue (66%)



Red (50%)

Yellow (62%)

Blue (71%)

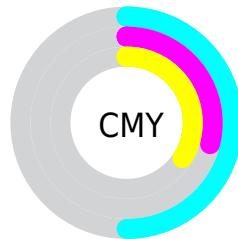


Cyan (29%)

Magenta (0%)

Yellow (6%)

Black (29%)



Cyan (50%)

Magenta (29%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80B4A9 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 80B4A9 by changing the saturation by 10% instead.



80B4A9



80B4A9

FFFFFF



66998F



B6ECE0



4D7F75



D2FFFD



34665C



EFFFFFF



1A4E45



00372F



00211A



000000



80B4A9



80B4A9



6EB4A5



92B4AD

 5CB4A1

 A4B4B1

 4AB49E

 B6B4B4

 38B49A

 C8B4B8

 26B496

 DAB4BC

 14B492

 ECB4C0

 02B48E

 FEB4C4

 00B48E

 FFB4C7

 FFB4CB

Harmonies

Analogous

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



90B298



80B4A9



7AB3BB

Triad

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



80B4A9



ADA5C8



C7A38C

Complementary

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



80B4A9



B4808B

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.



CE9F99



80B4A9



C1A0BC

Square

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



80B4A9



95ABCD



CC9DAB



B8A987

Rectangle

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



80B4A9



7DB2C4



CC9DAB



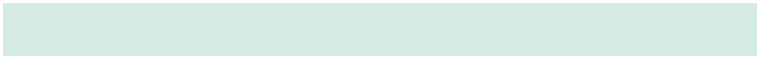
CAA190

Sweetspot

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



80B4A9



D5EBE6



8BB480



687573



F5F5F5



757575

Same Dimension

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



80B4A9



98EBD9



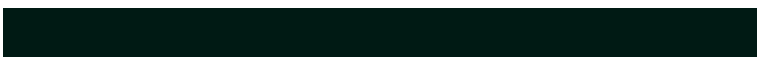
80A5B4



505957



009979



001A14

Inverse Universe

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



B4808B



EB98AA



B48F80



595052



990020



1A0005

Previews

White Background



This preview shows how the Hex color 80B4A9 looks on a white background.

Color Contrast Check

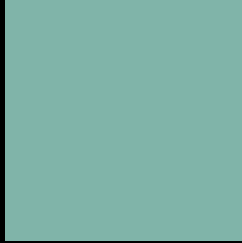
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 80B4A9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

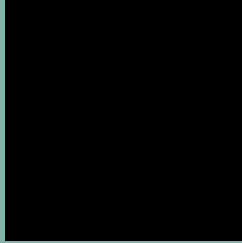
Any Text WCAG AA ✓ Pass

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 80B4A9 Background



This preview shows how black text looks on a background with the Hex color 80B4A9.

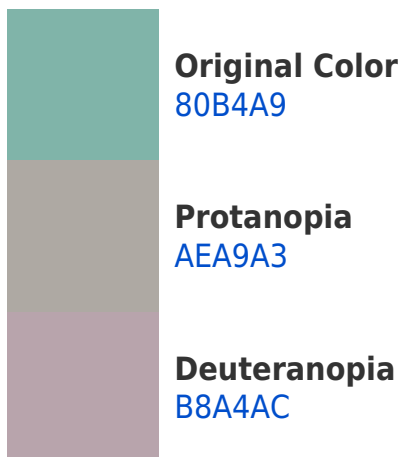


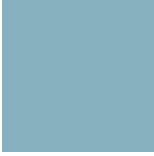
This preview shows how white text looks on a background with the Hex color 80B4A9.

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](#).

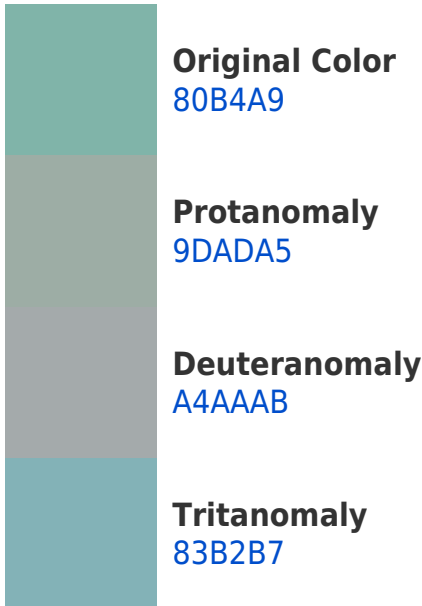
Dichromacy



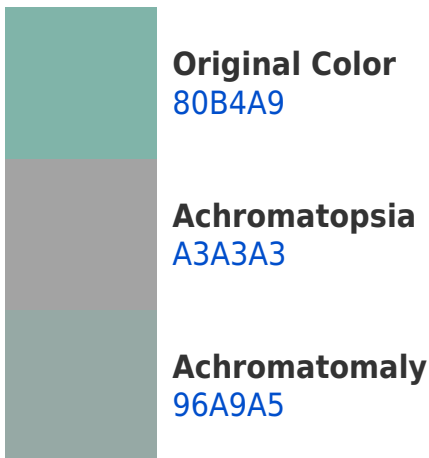


Tritanopia
85B1BF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80B4A9 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 #80B4A9 looks like.

```
.text, #text, p{  
    color:#80B4A9  
}
```

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 #80B4A9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80B4A9
}
```

Border

The CSS property to change the border of an element to Hex 80B4A9 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
#80B4A9 }
```

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

```
.border{ border-color:#80B4A9 }
```

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

Here you see how a box with a 4 pixel #80B4A9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80B4A9; -webkit-box-shadow:4px 4px  
4px 4px #80B4A9; box-shadow:4px 4px 4px  
4px #80B4A9 }
```

Background

The CSS property to change the background color of an element to Hex 80B4A9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80B4A9 }
```

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

```
.background{ background-color:#80B4A9 }
```

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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