

Converting Colors

Hex(80B8AF)

Have a look what the booklet for
Hex(80B8AF) contains.

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Color

Hex(80B8AF)

Conversions

Conversions Part 1

Format	Color
Hex	80B8AF
RGB	128, 184, 175
RGB Percent	50%, 72%, 69%
CMY	0.4980, 0.2784, 0.3137
CMYK	0.30, 0.00, 0.05, 0.28
HSL	170°, 28%, 61%
HSV	170°, 30%, 72%
XYZ	33.7804, 41.9653, 46.8771
YIQ	166.2300, -30.4870, -14.6710

Conversions

Conversions Part 2

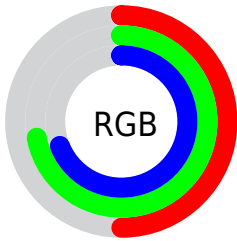
Format	Color
RYB	128, 158, 184
Decimal	8435887
CIELab	70.85, -20.17, -1.28
CIElCh	71, 20.211, 183.638
Yxy	41.9653, 0.2755, 0.3422
Android (android.graphics.Color)	4286625967 (0xFF80B8AF)
YUV	166.2300, 4.3236, -33.5277
Hunter-Lab	64.7806, -20.2857, 2.4425

Details

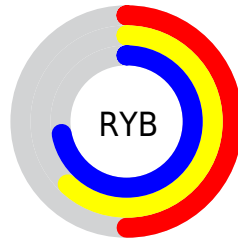
The Hex color **80B8AF** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **B88089**, and the grayscale version is **A6A6A6**.

A 20% lighter version of the original color is **B6F0E6**, and **4C837B** is the 20% darker color. If you saturate the color by 10%, you get **6EB8AC**, and if you desaturate by 10%, it is **92B8B2**.

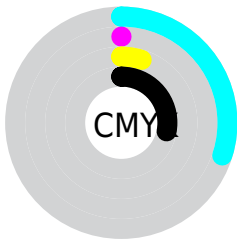
Distribution



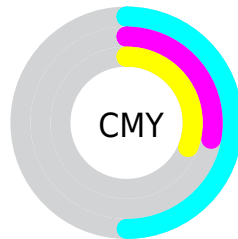
- Red (50%)
- Green (72%)
- Blue (69%)



- Red (50%)
- Yellow (62%)
- Blue (72%)



- Cyan (30%)
- Magenta (0%)
- Yellow (5%)
- Black (28%)



- Cyan (50%)
- Magenta (28%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80B8AF 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 80B8AF by changing the saturation by 10% instead.

 80B8AF

 80B8AF

FFFFFF

 669D94

 B6F0E6

 4C837B

 D3FFFF

 336962

 EFFFFFF

 18514A

 003A34

 00241E

 000606

 000000

 80B8AF

 80B8AF

 6EB8AC

 92B8B2

 5BB8A9

 A5B8B5

 49B8A6

 B7B8B8

 36B8A3

 CAB8BB

 24B8A0

 DCB8BE

 12B89D

 EEB8C1

 00B89A

 FFB8C4

 FFB8C7

 FFB8CA

Harmonies

Analogous

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



90B69C



80B8AF



7BB7C1

Triad

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



80B8AF



B3A8CC



CAA78D

Complementary

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



80B8AF



B88089

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.



D3A29A



80B8AF



C7A3BE

Square

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



80B8AF



9BAED2



D2A0AC



B9AD89

Rectangle

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



80B8AF



80B5CA



D2A0AC



CEA590

Sweetspot

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



80B8AF



DAF0EC



89B880



6B7876



F7F7F7



787878

Same Dimension

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



80B8AF



97F0E1



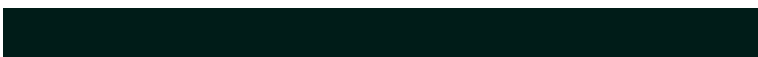
80A5B8



535C5A



009C83



001C18

Inverse Universe

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



B88089



F097A5



B89380



5C5354



9C0019



1C0005

Previews

White Background



This preview shows how the Hex color 80B8AF looks on a white background.

Color Contrast Check

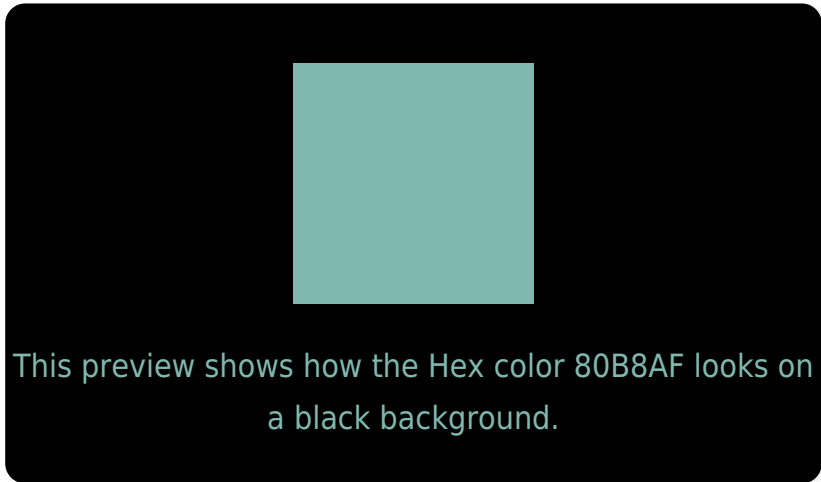
Large Text (above 18pt) WCAG AA × Fail

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

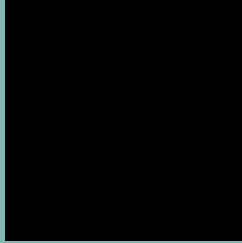
Any Text WCAG AA ✓ Pass

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 80B8AF Background



This preview shows how black text looks on a background with the Hex color 80B8AF.

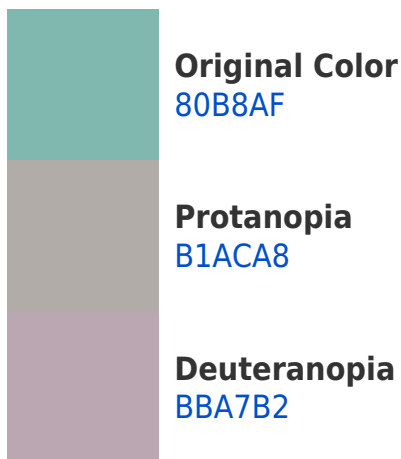


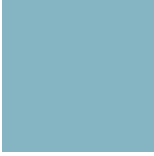
This preview shows how white text looks on a background with the Hex color 80B8AF.

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](#).

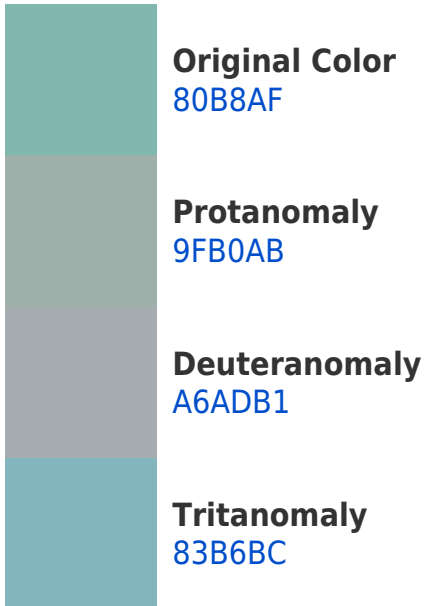
Dichromacy



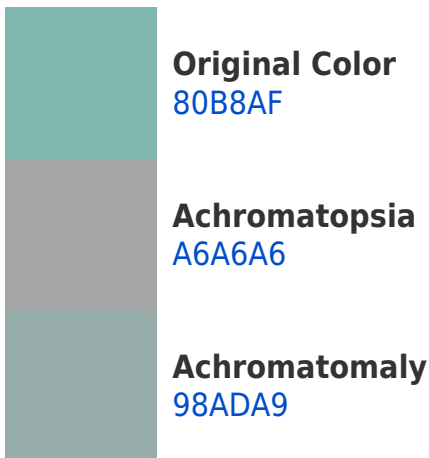


Tritanopia
85B5C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80B8AF 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 #80B8AF looks like.

```
.text, #text, p{  
    color:#80B8AF  
}
```

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 #80B8AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80B8AF
}
```

Border

The CSS property to change the border of an element to Hex 80B8AF 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
#80B8AF }
```

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

```
.border{ border-color:#80B8AF }
```

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

Here you see how a box with a 4 pixel #80B8AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80B8AF; -webkit-box-shadow:4px 4px  
4px 4px #80B8AF; box-shadow:4px 4px 4px  
4px #80B8AF }
```

Background

The CSS property to change the background color of an element to Hex 80B8AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80B8AF }
```

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

```
.background{ background-color:#80B8AF }
```

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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