

Converting Colors

Hex(87B0AB)

Have a look what the booklet for
Hex(87B0AB) contains.

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Color

Hex(87B0AB)

Conversions

Conversions Part 1

Format	Color
Hex	87B0AB
RGB	135, 176, 171
RGB Percent	53%, 69%, 67%
CMY	0.4706, 0.3098, 0.3294
CMYK	0.23, 0.00, 0.03, 0.31
HSL	173°, 21%, 61%
HSV	173°, 23%, 69%
XYZ	32.8677, 39.1418, 44.3509
YIQ	163.1710, -22.8310, -10.2470

Conversions

Conversions Part 2

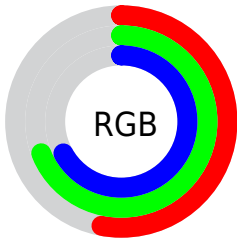
Format	Color
RYB	135, 157, 176
Decimal	8892587
CIELab	68.85, -14.80, -1.96
CIElCh	69, 14.927, 187.528
Yxy	39.1418, 0.2825, 0.3364
Android (android.graphics.Color)	4287082667 (0xFF87B0AB)
YUV	163.1710, 3.8597, -24.7060
Hunter-Lab	62.5634, -15.7111, 1.7640

Details

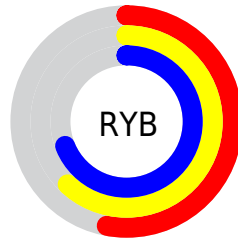
The Hex color **87B0AB** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B0878C**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **BDE8E2**, and **547B77** is the 20% darker color. If you saturate the color by 10%, you get **75B0A9**, and if you desaturate by 10%, it is **99B0AD**.

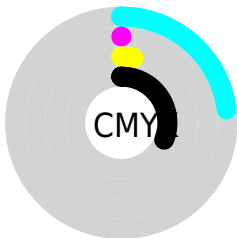
Distribution



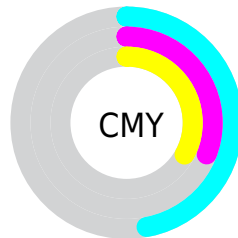
- Red (53%)
- Green (69%)
- Blue (67%)



- Red (53%)
- Yellow (62%)
- Blue (69%)



- Cyan (23%)
- Magenta (0%)
- Yellow (3%)
- Black (31%)



- Cyan (47%)
- Magenta (31%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87B0AB 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 87B0AB by changing the saturation by 10% instead.

 87B0AB

 87B0AB

FFFFFF

 6D9591

 BDE8E2

 547B77

 D9FFFF

 3C625E

 F6FFFF

 244A47

 0B3430

 001F1B

 000000

 87B0AB

 87B0AB

 75B0A9

 99B0AD

64B0A7

AAB0AF

52B0A5

BCB0B1

41B0A2

CDB0B4

2FB0A0

DFB0B6

1DB09E

F1B0B8

0CB09C

FFB0BA

00B09B

FFB0BC

FFB0BE

Harmonies

Analogous

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



91AF9D



87B0AB



85AFB8

Triad

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



87B0AB



AFA3BD



BCA48F

Complementary

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



87B0AB



B0878C

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.



C4A098



87B0AB



BDA0B3

Square

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



87B0AB



9EA8C3



C49FA5



AFA88D

Rectangle

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



87B0AB



8AADBE



C49FA5



BFA292

Sweetspot

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



87B0AB



D5E6E4



8CB087



6A7372



F2F2F2



737373

Same Dimension

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



87B0AB



A5E6DE



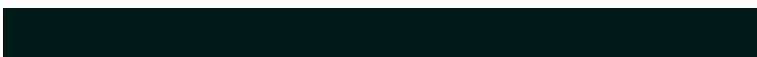
87A1B0



505958



009986



001A16

Inverse Universe

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



B0878C



E6A5AD



B09687



595051



990013



1A0003

Previews

White Background



This preview shows how the Hex color 87B0AB looks on a white background.

Color Contrast Check

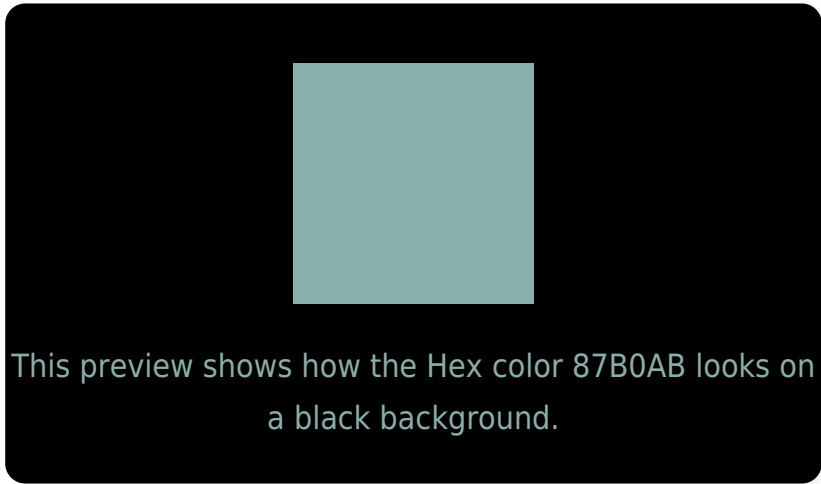
Large Text (above 18pt) WCAG AA × Fail

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

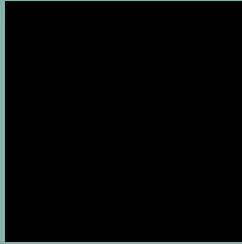
Any Text WCAG AA ✓ Pass

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 87B0AB Background



This preview shows how black text looks on a background with the Hex color 87B0AB.

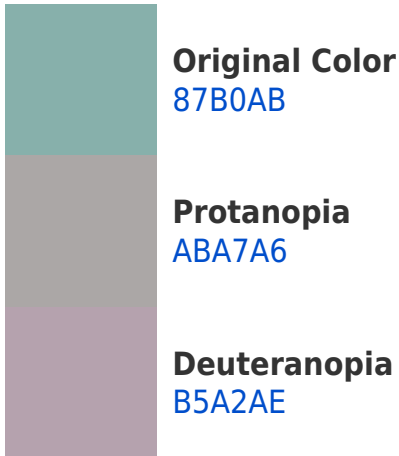


This preview shows how white text looks on a background with the Hex color 87B0AB.

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
8AAEBB

Trichromacy



Original Color
87B0AB

Protanomaly
9EAAA8

Deuteranomaly
A4A7AD

Tritanomaly
89AFB5

Monochromacy



Original Color
87B0AB

Achromatopsia
A3A3A3

Achromatomaly
99A8A6

CSS Examples

Text

The CSS property to change the color of the text to Hex 87B0AB 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 #87B0AB looks like.

```
.text, #text, p{  
    color:#87B0AB  
}
```

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 #87B0AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87B0AB
}
```

Border

The CSS property to change the border of an element to Hex 87B0AB 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
#87B0AB }
```

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

```
.border{ border-color:#87B0AB }
```

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

Here you see how a box with a 4 pixel #87B0AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87B0AB; -webkit-box-shadow:4px 4px  
4px 4px #87B0AB; box-shadow:4px 4px 4px  
4px #87B0AB }
```

Background

The CSS property to change the background color of an element to Hex 87B0AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87B0AB }
```

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

```
.background{ background-color:#87B0AB }
```

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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