

Converting Colors

Hex(87B0B6)

Have a look what the booklet for
Hex(87B0B6) contains.

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Color

Hex(87B0B6)

Conversions

Conversions Part 1

Format	Color
Hex	87B0B6
RGB	135, 176, 182
RGB Percent	53%, 69%, 71%
CMY	0.4706, 0.3098, 0.2863
CMYK	0.26, 0.03, 0.00, 0.29
HSL	188°, 24%, 62%
HSV	188°, 26%, 71%
XYZ	33.9605, 39.5790, 50.1056
YIQ	164.4250, -26.3620, -6.8260

Conversions

Conversions Part 2

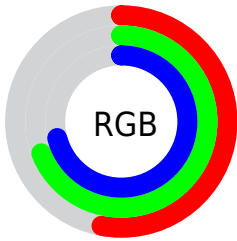
Format	Color
RYB	135, 157, 182
Decimal	8892598
CIELab	69.17, -12.31, -7.57
CIElCh	69, 14.447, 211.582
Yxy	39.5790, 0.2747, 0.3201
Android (android.graphics.Color)	4287082678 (0xFF87B0B6)
YUV	164.4250, 8.6645, -25.8057
Hunter-Lab	62.9118, -13.7394, -3.1827

Details

The Hex color **87B0B6** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **B68D87**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **BDE8EE**, and **547B81** is the 20% darker color. If you saturate the color by 10%, you get **75AEB6**, and if you desaturate by 10%, it is **99B2B6**.

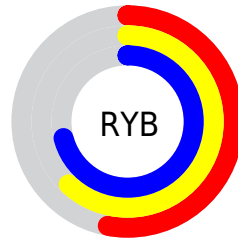
Distribution



Red (53%)

Green (69%)

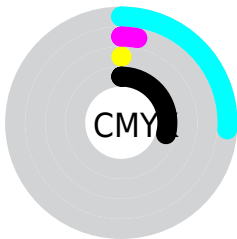
Blue (71%)



Red (53%)

Yellow (62%)

Blue (71%)

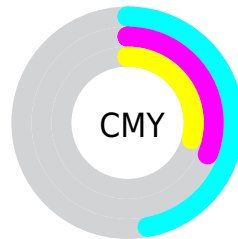


Cyan (26%)

Magenta (3%)

Yellow (0%)

Black (29%)



Cyan (47%)

Magenta (31%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87B0B6 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 87B0B6 by changing the saturation by 10% instead.



87B0B6



87B0B6

FFFFFF



6D959B



BDE8EE



547B81



D9FFFF



3B6268



F6FFFF



234B50



073439



001F24



00010E



000000



87B0B6



87B0B6

75AEB6

99B2B6

63ABB6

ABB5B6

50A9B6

BEB7B6

3EA7B6

D0B9B6

2CA4B6

E2BCB6

1AA2B6

F4BEB6

08A0B6

FFC0B6

009FB6

FFC3B6

FFC5B6

Harmonies

Analogous

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



8AB1A9



87B0B6



8DAEBF

Triad

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



87B0B6



BBA2B6



B3A88F

Complementary

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



87B0B6



B68D87

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.



BEA492



87B0B6



C3A0A9

Square

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



87B0B6



ACA5BF



C4A19C



A4AC92

Rectangle

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



87B0B6



96ABC2



C4A19C



B7A78F

Sweetspot

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



87B0B6



DAEBED



87B68C



6C7678



F7F7F7



787878

Same Dimension

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



87B0B6



A4E4ED



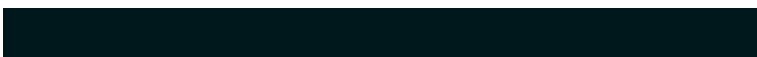
8799B6



535B5C



00889C



00181C

Inverse Universe

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



B687B0



EDA4E4



B6A487



5C535B



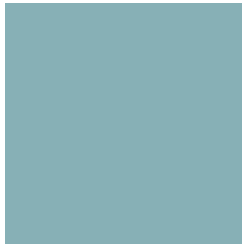
9C0088



1C0018

Previews

White Background



This preview shows how the Hex color 87B0B6 looks on a white background.

Color Contrast Check

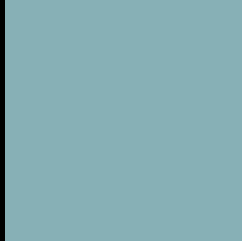
Large Text (above 18pt) WCAG AA × Fail

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 87B0B6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

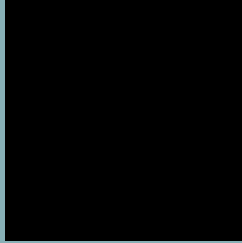
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

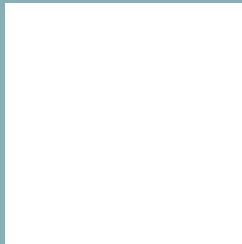
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 87B0B6 Background



This preview shows how black text looks on a background with the Hex color 87B0B6.

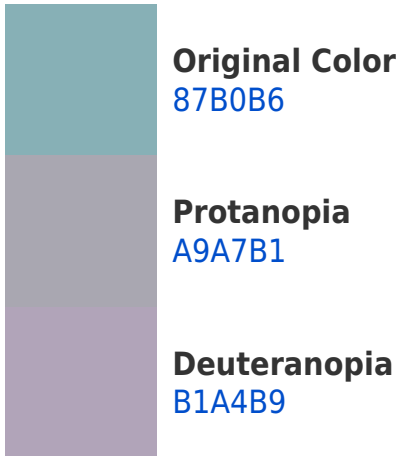


This preview shows how white text looks on a background with the Hex color 87B0B6.

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](#).

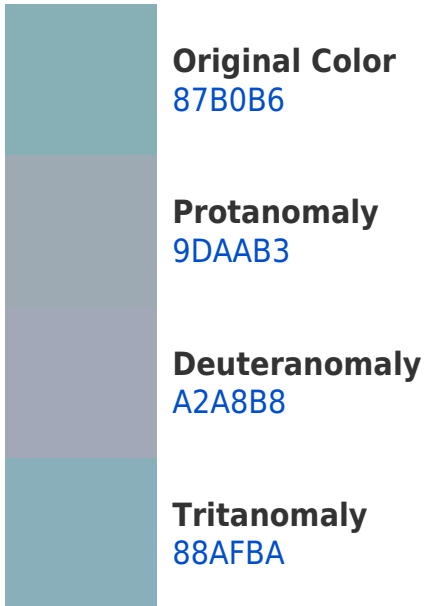
Dichromacy





Tritanopia
88AFBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 87B0B6 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 #87B0B6 looks like.

```
.text, #text, p{  
    color:#87B0B6  
}
```

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 #87B0B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87B0B6
}
```

Border

The CSS property to change the border of an element to Hex 87B0B6 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
#87B0B6 }
```

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

```
.border{ border-color:#87B0B6 }
```

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

Here you see how a box with a 4 pixel #87B0B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87B0B6; -webkit-box-shadow:4px 4px  
4px 4px #87B0B6; box-shadow:4px 4px 4px  
4px #87B0B6 }
```

Background

The CSS property to change the background color of an element to Hex 87B0B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87B0B6 }
```

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

```
.background{ background-color:#87B0B6 }
```

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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