

Converting Colors

Hex(87A9BC)

Have a look what the booklet for
Hex(87A9BC) contains.

Hex(87A9BC)	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(87A9BC)

Conversions

Conversions Part 1

Format	Color
Hex	87A9BC
RGB	135, 169, 188
RGB Percent	53%, 66%, 74%
CMY	0.4706, 0.3373, 0.2627
CMYK	0.28, 0.10, 0.00, 0.26
HSL	202°, 28%, 63%
HSV	202°, 28%, 74%
XYZ	33.2567, 37.1577, 52.9963
YIQ	161.0000, -26.3630, -1.2990

Conversions

Conversions Part 2

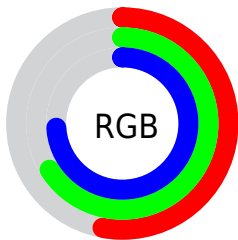
Format	Color
RYB	135, 156, 188
Decimal	8890812
CIELab	67.40, -7.13, -13.54
CIElCh	67, 15.301, 242.222
Yxy	37.1577, 0.2695, 0.3011
Android (android.graphics.Color)	4287080892 (0xFF87A9BC)
YUV	161.0000, 13.3110, -22.8020
Hunter-Lab	60.9571, -9.2896, -8.8769

Details

The Hex color **87A9BC** is a light color, and the websafe version is hex **669999**. A complement of this color would be **BC9A87**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **BDE0F4**, and **547587** is the 20% darker color. If you saturate the color by 10%, you get **74A2BC**, and if you desaturate by 10%, it is **9AB0BC**.

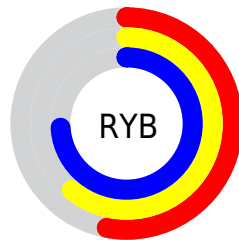
Distribution



Red (53%)

Green (66%)

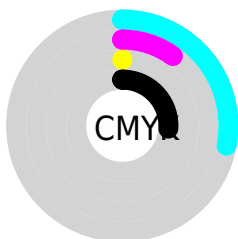
Blue (74%)



Red (53%)

Yellow (61%)

Blue (74%)

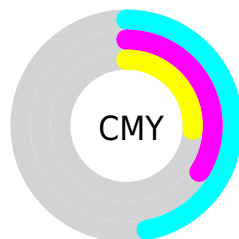


Cyan (28%)

Magenta (10%)

Yellow (0%)

Black (26%)



Cyan (47%)

Magenta (34%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87A9BC 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 87A9BC by changing the saturation by 10% instead.

 87A9BC

 87A9BC

FFFFFF

 6D8FA1

 BDE0F4

 547587

 D9FDFF

 3B5C6D

 F6FFFF

 224555

 072F3E

 001A28

 000113

 000000

 87A9BC

 87A9BC

74A2BC

9AB0BC

619CBC

ADB6BC

4F95BC

BFBDBC

3C8EBC

D2C4BC

2987BC

E5CBBC

1681BC

F8D1BC

037ABC

FFD8BC

0079BC

FFDFBC

FFE6BC

Harmonies

Analogous

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



80ACB2



87A9BC



96A5BF

Triad

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



87A9BC



C09BA4



9FA88D

Complementary

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



87A9BC



BC9A87

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.



AEA389



87A9BC



C19C96

Square

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



87A9BC



B79CB1



BA9F8C



8FAB97

Rectangle

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



87A9BC



A2A2BD



BA9F8C



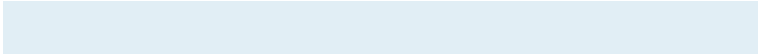
A4A68B

Sweetspot

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



87A9BC



E1EEF5



87BC9A



6E767A



FAFAFA



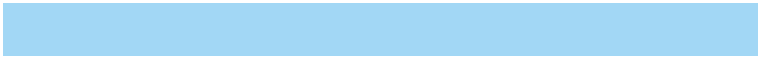
7A7A7A

Same Dimension

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



87A9BC



A2D7F5



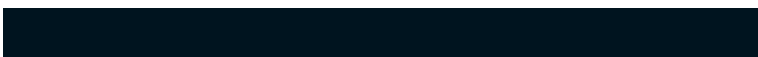
878FBC



555B5E



00659E



00141F

Inverse Universe

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



BC87A9



F5A2D7



BCB487



5E555B



9E0065



1F0014

Previews

White Background



This preview shows how the Hex color 87A9BC looks on a white background.

Color Contrast Check

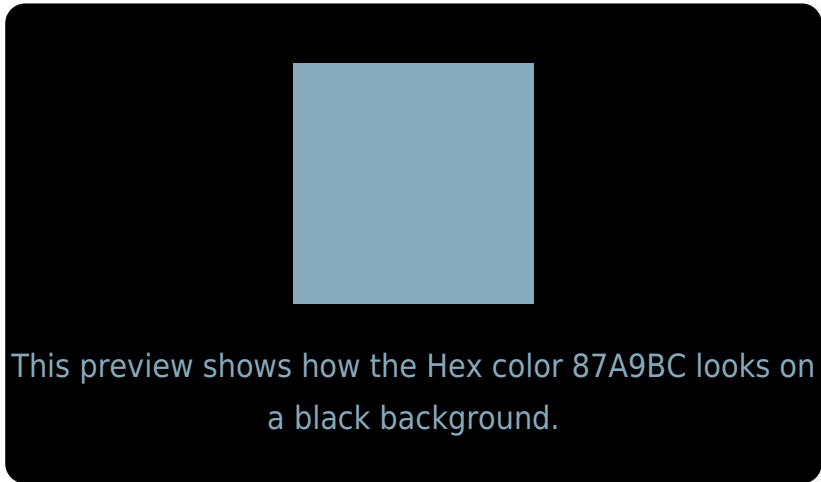
Large Text (above 18pt) WCAG AA × Fail

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

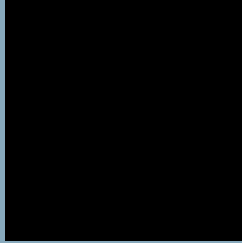
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

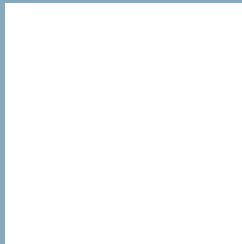
Any Text WCAG AAA ✓ Pass

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

Hex 87A9BC Background



This preview shows how black text looks on a background with the Hex color 87A9BC.

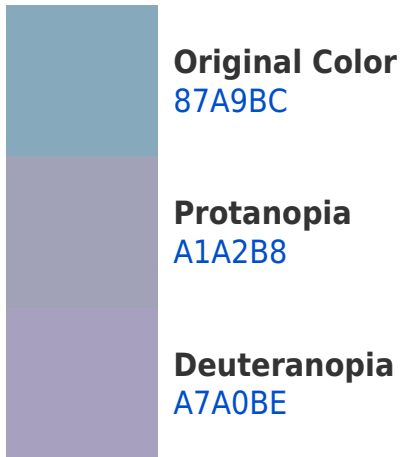


This preview shows how white text looks on a background with the Hex color 87A9BC.

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](#).

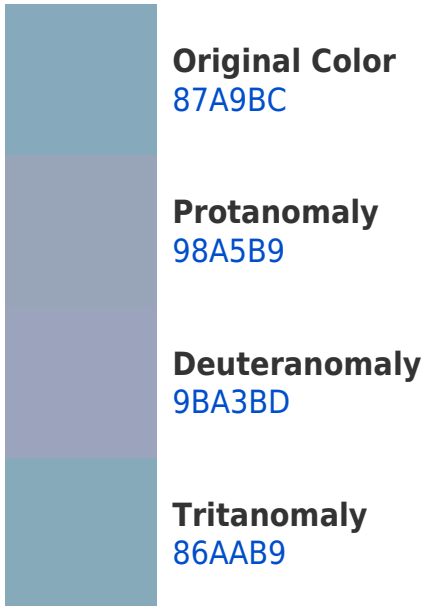
Dichromacy



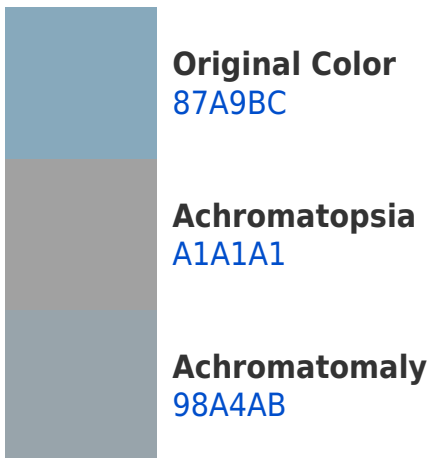


Tritanopia
86AAB7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 87A9BC 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 #87A9BC looks like.

```
.text, #text, p{  
    color:#87A9BC  
}
```

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 #87A9BC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87A9BC
}
```

Border

The CSS property to change the border of an element to Hex 87A9BC 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
#87A9BC }
```

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

```
.border{ border-color:#87A9BC }
```

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

Here you see how a box with a 4 pixel #87A9BC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87A9BC; -webkit-box-shadow:4px 4px  
4px 4px #87A9BC; box-shadow:4px 4px 4px  
4px #87A9BC }
```

Background

The CSS property to change the background color of an element to Hex 87A9BC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87A9BC }
```

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

```
.background{ background-color:#87A9BC }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor