

Converting Colors

Hex(87A9B6)

Have a look what the booklet for
Hex(87A9B6) contains.

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Color

Hex(87A9B6)

Conversions

Conversions Part 1

Format	Color
Hex	87A9B6
RGB	135, 169, 182
RGB Percent	53%, 66%, 71%
CMY	0.4706, 0.3373, 0.2863
CMYK	0.26, 0.07, 0.00, 0.29
HSL	197°, 24%, 62%
HSV	197°, 26%, 71%
XYZ	32.6231, 36.9042, 49.6598
YIQ	160.3160, -24.4370, -3.1650

Conversions

Conversions Part 2

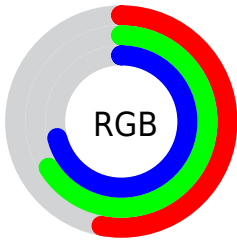
Format	Color
RYB	135, 155, 182
Decimal	8890806
CIELab	67.21, -8.56, -10.49
CIElCh	67, 13.544, 230.778
Yxy	36.9042, 0.2737, 0.3096
Android (android.graphics.Color)	4287080886 (0xFF87A9B6)
YUV	160.3160, 10.6902, -22.2021
Hunter-Lab	60.7489, -10.4530, -5.9430

Details

The Hex color **87A9B6** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B69487**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **BDE0EE**, and **547581** is the 20% darker color. If you saturate the color by 10%, you get **75A4B6**, and if you desaturate by 10%, it is **99AEB6**.

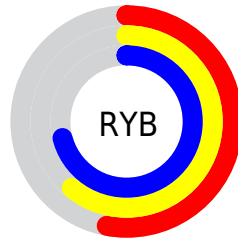
Distribution



Red (53%)

Green (66%)

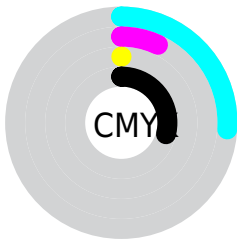
Blue (71%)



Red (53%)

Yellow (61%)

Blue (71%)

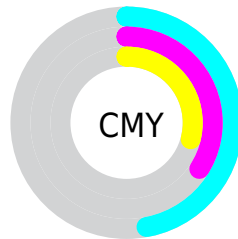


Cyan (26%)

Magenta (7%)

Yellow (0%)

Black (29%)



Cyan (47%)

Magenta (34%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 87A9B6 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 87A9B6 by changing the saturation by 10% instead.



87A9B6



87A9B6

FFFFFF



6D8F9B



BDE0EE



547581



D9FDFF



3B5C68



F6FFFF



234550



0A2E39



001A23



00010D



000000



87A9B6



87A9B6

75A4B6

99AEB6

639FB6

ABB3B6

509AB6

BEB8B6

3E95B6

D0DBB6

2C90B6

E2C2B6

1A8BB6

F4C7B6

0886B6

FFCCB6

0084B6

FFD1B6

FFD6B6

Harmonies

Analogous

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



84ABAC



87A9B6



92A6BB

Triad

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



87A9B6



BA9CA8



A4A58D

Complementary

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



87A9B6



B69487

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.



B1A18C



87A9B6



BE9C9B

Square

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



87A9B6



B09EB3



BA9E91



96A994

Rectangle

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



87A9B6



9CA3BB



BA9E91



A9A48C

Sweetspot

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



87A9B6



DAE8ED



87B694



6C7578



F7F7F7



787878

Same Dimension

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



87A9B6



A4D9ED



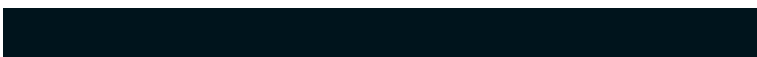
8792B6



53595C



00719C



00141C

Inverse Universe

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



B687A9



EDA4D9



B6AB87



5C5359



9C0071



1C0014

Previews

White Background



This preview shows how the Hex color 87A9B6 looks on a white background.

Color Contrast Check

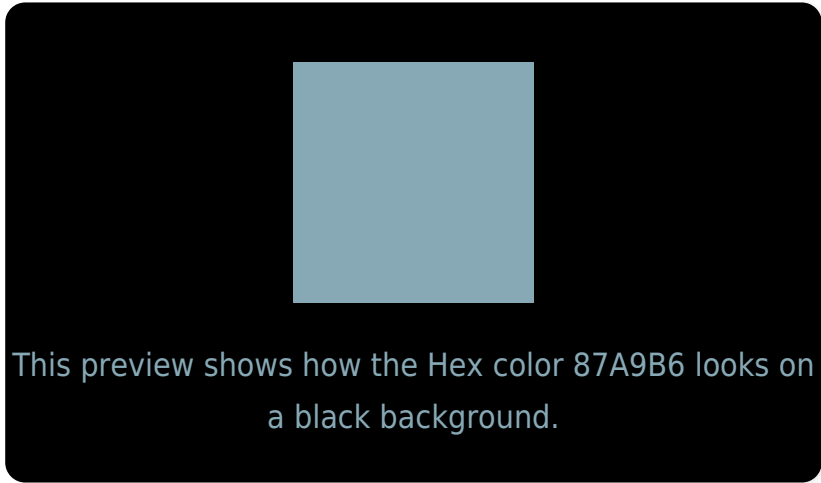
Large Text (above 18pt) WCAG AA × Fail

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

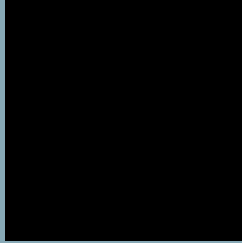
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

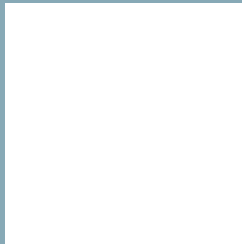
Any Text WCAG AAA ✓ Pass

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

Hex 87A9B6 Background



This preview shows how black text looks on a background with the Hex color 87A9B6.

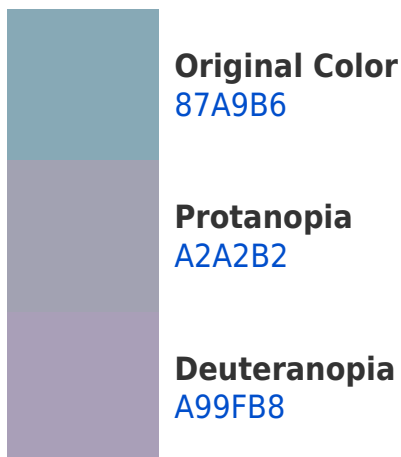


This preview shows how white text looks on a background with the Hex color 87A9B6.

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](#).

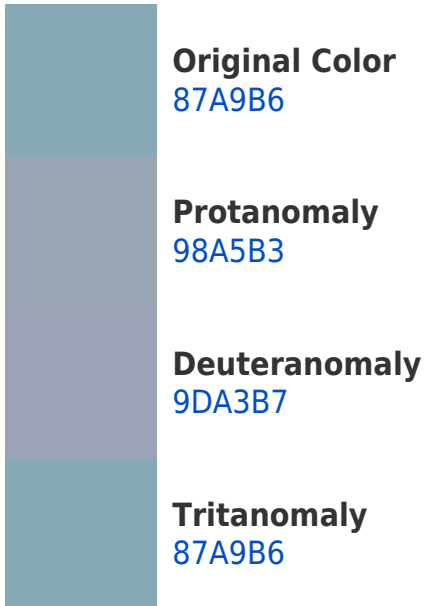
Dichromacy



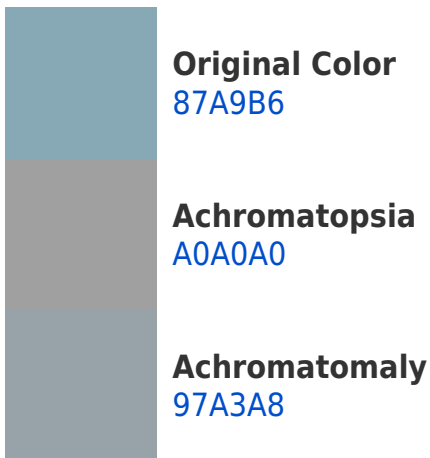


Tritanopia
87A9B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 87A9B6 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 #87A9B6 looks like.

```
.text, #text, p{  
    color:#87A9B6  
}
```

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 #87A9B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #87A9B6
}
```

Border

The CSS property to change the border of an element to Hex 87A9B6 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
#87A9B6 }
```

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

```
.border{ border-color:#87A9B6 }
```

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

Here you see how a box with a 4 pixel #87A9B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #87A9B6; -webkit-box-shadow:4px 4px  
4px 4px #87A9B6; box-shadow:4px 4px 4px  
4px #87A9B6 }
```

Background

The CSS property to change the background color of an element to Hex 87A9B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#87A9B6 }
```

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

```
.background{ background-color:#87A9B6 }
```

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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