

Converting Colors

Hex(81AAB0)

Have a look what the booklet for
Hex(81AAB0) contains.

Hex(81AAB0)	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(81AAB0)

Conversions

Conversions Part 1

Format	Color
Hex	81AAB0
RGB	129, 170, 176
RGB Percent	51%, 67%, 69%
CMY	0.4941, 0.3333, 0.3098
CMYK	0.27, 0.03, 0.00, 0.31
HSL	188°, 23%, 60%
HSV	188°, 27%, 69%
XYZ	31.2645, 36.5512, 46.4816
YIQ	158.4250, -26.3620, -6.8260

Conversions

Conversions Part 2

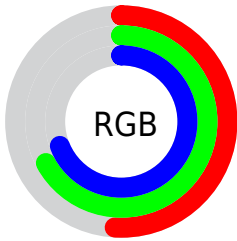
Format	Color
RYB	129, 151, 176
Decimal	8497840
CIELab	66.94, -12.35, -7.59
CIElCh	67, 14.495, 211.598
Yxy	36.5512, 0.2735, 0.3198
Android (android.graphics.Color)	4286687920 (0xFF81AAB0)
YUV	158.4250, 8.6645, -25.8057
Hunter-Lab	60.4576, -13.4929, -3.2636

Details

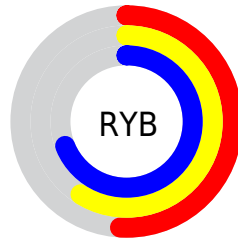
The Hex color **81AAB0** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B08781**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **B7E1E8**, and **4E767C** is the 20% darker color. If you saturate the color by 10%, you get **6FA8B0**, and if you desaturate by 10%, it is **93ACB0**.

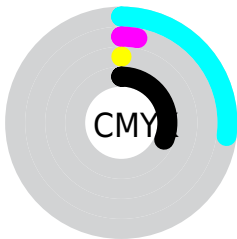
Distribution



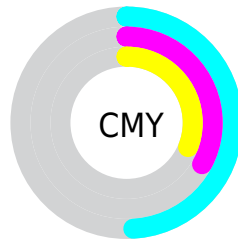
- Red (51%)
- Green (67%)
- Blue (69%)



- Red (51%)
- Yellow (59%)
- Blue (69%)



- Cyan (27%)
- Magenta (3%)
- Yellow (0%)
- Black (31%)



- Cyan (49%)
- Magenta (33%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81AAB0 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 81AAB0 by changing the saturation by 10% instead.

 81AAB0

 81AAB0

FFFFFF

 678F95

 B7E1E8

 4E767C

 D3FEFF

 355D63

 F0FFFF

 1D454B

 012F34

 001B1F

 000006

 000000

 81AAB0

 81AAB0

6FA8B0

93ACB0

5EA6B0

A4AEB0

4CA3B0

B6B1B0

3BA1B0

C7B3B0

299FB0

D9B5B0

179DB0

EBB7B0

069AB0

FCBAB0

009AB0

FFBCB0

FFBEB0

Harmonies

Analogous

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



84ABA3



81AAB0



87A8B9

Triad

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



81AAB0



B59CB0



ADA289

Complementary

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



81AAB0



B08781

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.



B89E8C



81AAB0



BD9AA3

Square

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



81AAB0



A69FB9



BE9B96



9EA68D

Rectangle

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



81AAB0



90A5BC



BE9B96



B1A189

Sweetspot

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



81AAB0



D3E3E6



81B086



677173



F2F2F2



737373

Same Dimension

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



81AAB0



9CDCE6



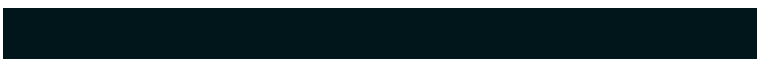
8193B0



505859



008599



00161A

Inverse Universe

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



B081AA



E69CDC



B09E81



595058



990085



1A0016

Previews

White Background



This preview shows how the Hex color 81AAB0 looks on a white background.

Color Contrast Check

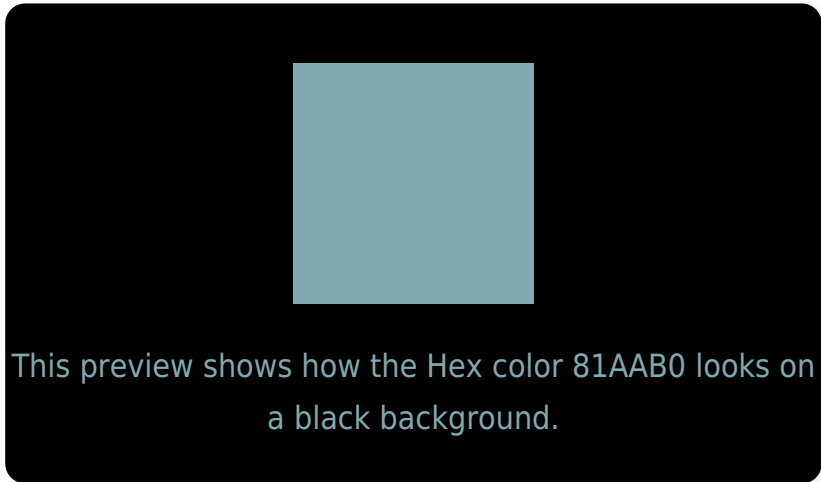
Large Text (above 18pt) WCAG AA × Fail

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

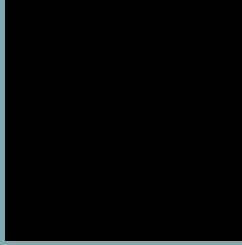
Any Text WCAG AA ✓ Pass

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 81AAB0 Background



This preview shows how black text looks on a background with the Hex color 81AAB0.

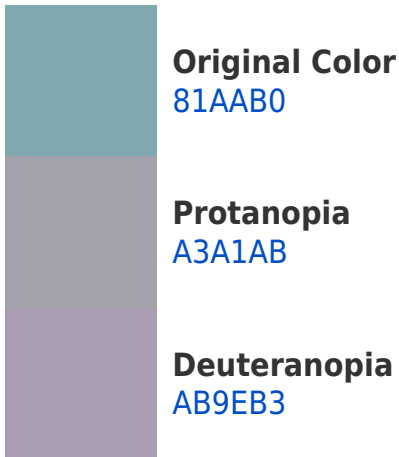


This preview shows how white text looks on a background with the Hex color 81AAB0.

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](#).

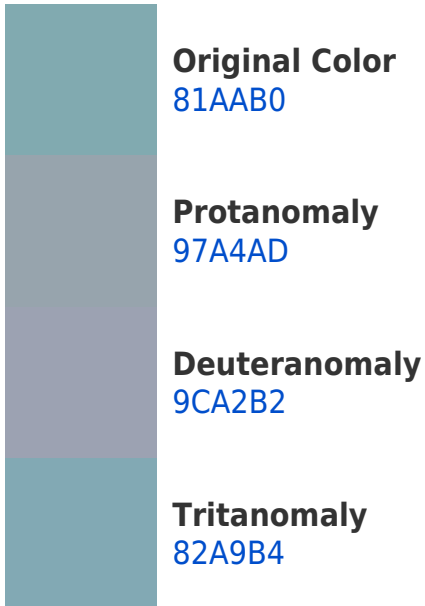
Dichromacy



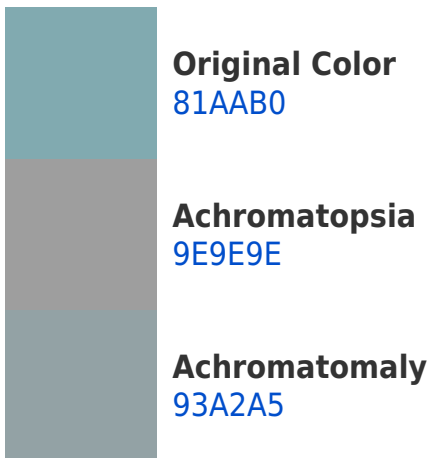


Tritanopia
82A9B7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81AAB0 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 #81AAB0 looks like.

```
.text, #text, p{  
    color:#81AAB0  
}
```

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 #81AAB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81AAB0
}
```

Border

The CSS property to change the border of an element to Hex 81AAB0 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
#81AAB0 }
```

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

```
.border{ border-color:#81AAB0 }
```

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

Here you see how a box with a 4 pixel #81AAB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81AAB0; -webkit-box-shadow:4px 4px  
4px 4px #81AAB0; box-shadow:4px 4px 4px  
4px #81AAB0 }
```

Background

The CSS property to change the background color of an element to Hex 81AAB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81AAB0 }
```

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

```
.background{ background-color:#81AAB0 }
```

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