

Converting Colors

Hex(81AEB2)

Have a look what the booklet for
Hex(81AEB2) contains.

Hex(81AEB2)	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(81AEB2)

Conversions

Conversions Part 1

Format	Color
Hex	81AEB2
RGB	129, 174, 178
RGB Percent	51%, 68%, 70%
CMY	0.4941, 0.3176, 0.3020
CMYK	0.28, 0.02, 0.00, 0.30
HSL	185°, 24%, 60%
HSV	185°, 28%, 70%
XYZ	32.2252, 38.1536, 47.7854
YIQ	161.0010, -28.1040, -8.2960

Conversions

Conversions Part 2

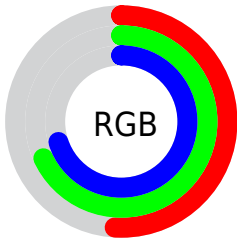
Format	Color
RYB	129, 152, 178
Decimal	8498866
CIELab	68.13, -14.00, -6.93
CIElCh	68, 15.617, 206.341
Yxy	38.1536, 0.2727, 0.3229
Android (android.graphics.Color)	4286688946 (0xFF81AEB2)
YUV	161.0010, 8.3805, -28.0649
Hunter-Lab	61.7686, -14.9701, -2.6299

Details

The Hex color **81AEB2** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B28581**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **B7E6EA**, and **4E7A7D** is the 20% darker color. If you saturate the color by 10%, you get **6FADB2**, and if you desaturate by 10%, it is **93AFB2**.

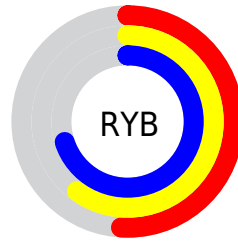
Distribution



Red (51%)

Green (68%)

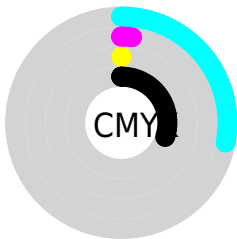
Blue (70%)



Red (51%)

Yellow (60%)

Blue (70%)

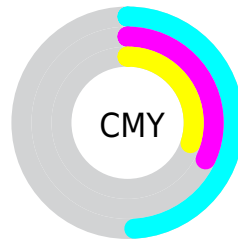


Cyan (28%)

Magenta (2%)

Yellow (0%)

Black (30%)



Cyan (49%)

Magenta (32%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81AEB2 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 81AEB2 by changing the saturation by 10% instead.

 81AEB2

 81AEB2

FFFFFF

 679397

 B7E6EA

 4E7A7D

 D3FFFF

 356164

 F0FFFF

 1C494D

 003236

 001D21

 000009

 000000

 81AEB2

 81AEB2

6FADB2

93AFB2

5DABB2

A5B1B2

4CAAB2

B6B2B2

3AA8B2

C8B4B2

28A7B2

DAB5B2

16A5B2

ECB7B2

04A4B2

FEB8B2

00A3B2

FFBAB2

FFBBB2

Harmonies

Analogous

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



87AEA4



81AEB2



86ACBD

Triad

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



81AEB2



B79FB6



B3A48A

Complementary

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



81AEB2



B28581

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.



BFA08F



81AEB2



C19CA8

Square

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



81AEB2



A7A3BF



C49D9A



A4A98D

Rectangle

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



81AEB2



8FA9C1



C49D9A



B7A38B

Sweetspot

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



81AEB2



D5E7E8



81B284



6A7475



F5F5F5



757575

Same Dimension

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



81AEB2



9BE2E8



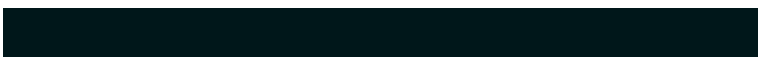
8196B2



505959



008D99



00171A

Inverse Universe

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



B281AE



E89BE2



B29D81



595059



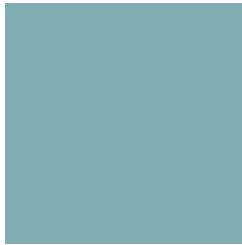
99008D



1A0017

Previews

White Background



This preview shows how the Hex color 81AEB2 looks on a white background.

Color Contrast Check

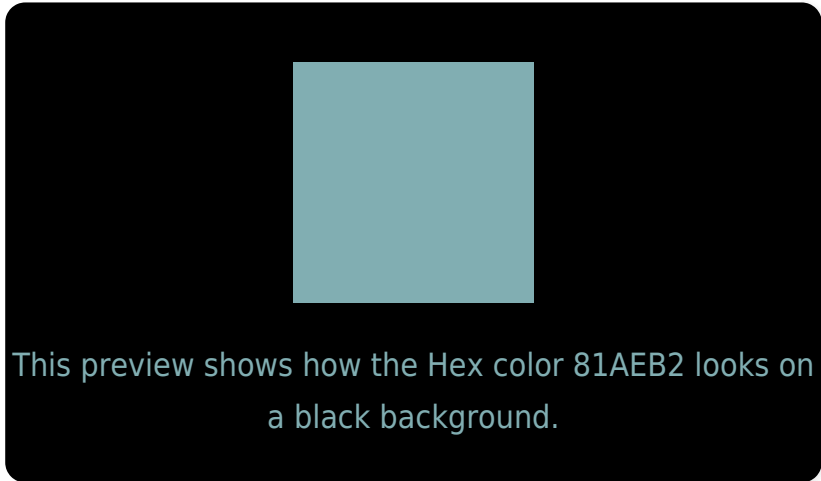
Large Text (above 18pt) WCAG AA × Fail

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

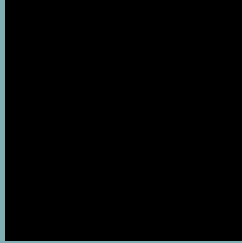
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

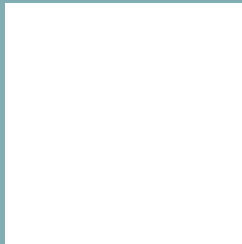
Any Text WCAG AAA ✓ Pass

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

Hex 81AEB2 Background



This preview shows how black text looks on a background with the Hex color 81AEB2.

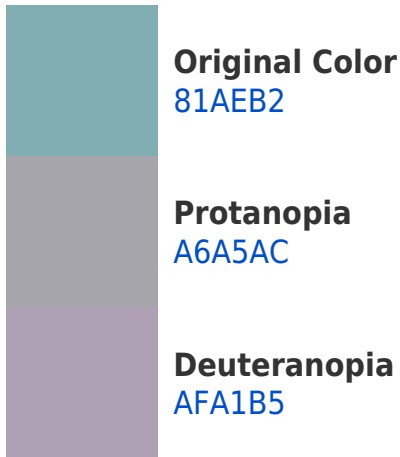


This preview shows how white text looks on a background with the Hex color 81AEB2.

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](#).

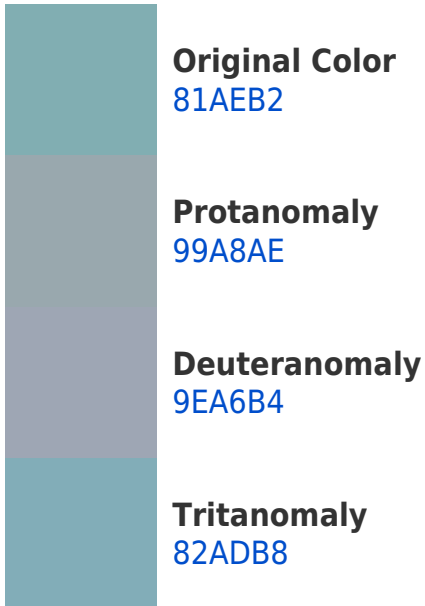
Dichromacy



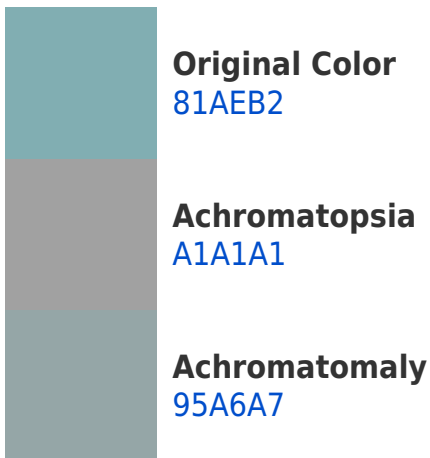


Tritanopia
83ADBB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81AEB2 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 #81AEB2 looks like.

```
.text, #text, p{  
    color:#81AEB2  
}
```

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 #81AEB2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81AEB2
}
```

Border

The CSS property to change the border of an element to Hex 81AEB2 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
#81AEB2 }
```

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

```
.border{ border-color:#81AEB2 }
```

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

Here you see how a box with a 4 pixel #81AEB2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81AEB2; -webkit-box-shadow:4px 4px  
4px 4px #81AEB2; box-shadow:4px 4px 4px  
4px #81AEB2 }
```

Background

The CSS property to change the background color of an element to Hex 81AEB2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81AEB2 }
```

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

```
.background{ background-color:#81AEB2 }
```

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