

Converting Colors

Hex(81AEBA)

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

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Color

Hex(81AEBA)

Conversions

Conversions Part 1

Format	Color
Hex	81AEBA
RGB	129, 174, 186
RGB Percent	51%, 68%, 73%
CMY	0.4941, 0.3176, 0.2706
CMYK	0.31, 0.06, 0.00, 0.27
HSL	193°, 29%, 62%
HSV	193°, 31%, 73%
XYZ	33.0522, 38.4844, 52.1406
YIQ	161.9130, -30.6720, -5.8080

Conversions

Conversions Part 2

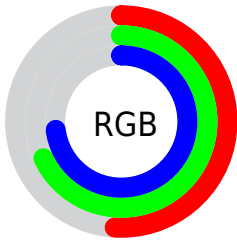
Format	Color
RYB	129, 154, 186
Decimal	8498874
CIELab	68.38, -12.08, -11.00
CIElCh	68, 16.337, 222.301
Yxy	38.4844, 0.2672, 0.3112
Android (android.graphics.Color)	4286688954 (0xFF81AEBA)
YUV	161.9130, 11.8749, -28.8647
Hunter-Lab	62.0358, -13.4591, -6.4077

Details

The Hex color **81AEBA** is a light color, and the websafe version is hex **669999**. A complement of this color would be **BA8D81**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **B7E6F2**, and **4D7A85** is the 20% darker color. If you saturate the color by 10%, you get **6EAABA**, and if you desaturate by 10%, it is **94B2BA**.

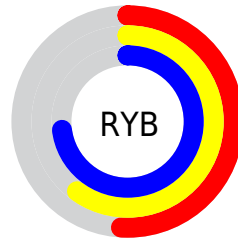
Distribution



Red (51%)

Green (68%)

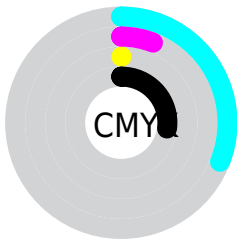
Blue (73%)



Red (51%)

Yellow (60%)

Blue (73%)

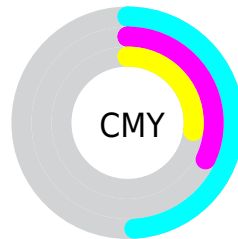


Cyan (31%)

Magenta (6%)

Yellow (0%)

Black (27%)



Cyan (49%)

Magenta (32%)

Yellow (27%)

Brightness & Saturation Gradients

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

 81AEBA

 81AEBA

FFFFFF

 67939F

 B7E6F2

 4D7A85

 D3FFFF

 34616C

 F0FFFF

 1A4953

 00323C

 001D27

 000112

 000000

 81AEBA

 81AEBA

6EAABA

94B2BA

5CA6BA

A6B6BA

49A2BA

B9BABA

379EBA

CBBEBA

249ABA

DEC2BA

1197BA

F1C5BA

0093BA

FFC9BA

FFCDBA

FFD1BA

Harmonies

Analogous

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



81AFAC



81AEBA



8CABC2

Triad

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



81AEBA



BF9DB0



ACA88A

Complementary

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



81AEBA



BA8D81

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.



BBA38B



81AEBA



C69DA1

Square

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



81AEBA



B1A1BD



C49F93



9BAC91

Rectangle

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



81AEBA



98A8C4



C49F93



B1A689

Sweetspot

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



81AEBA



DCEEF2



81BA8C



6D787A



FAFAFA



7A7A7A

Same Dimension

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



81AEBA



99DFF2



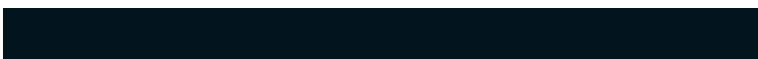
8192BA



535A5C



007B9C



00161C

Inverse Universe

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



BA81AE



F299DF



BAA981



5C535A



9C007B



1C0016

Previews

White Background



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

Color Contrast Check

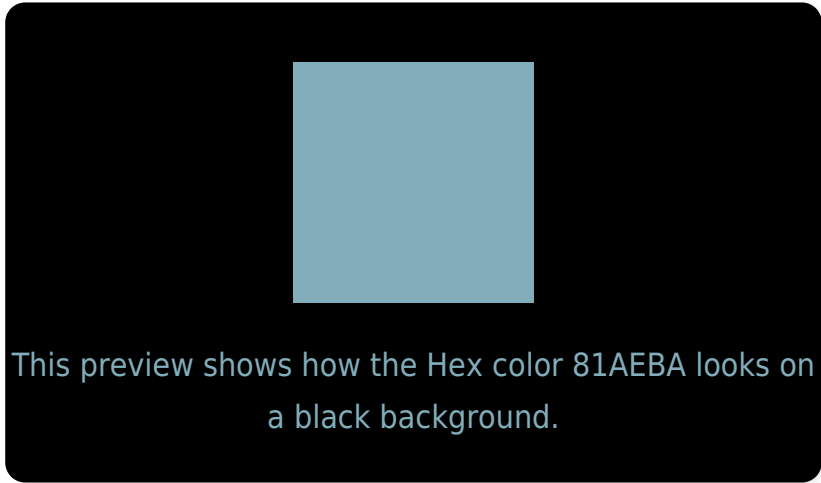
Large Text (above 18pt) WCAG AA × Fail

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

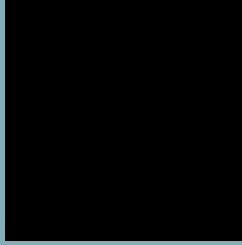
Any Text WCAG AA ✓ Pass

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 81AEBA Background



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

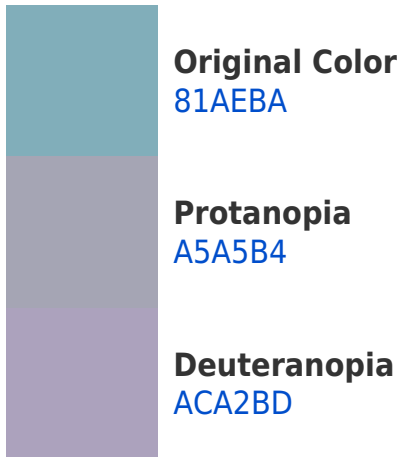


This preview shows how white text looks on a background with the Hex color 81AEBA.

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](#).

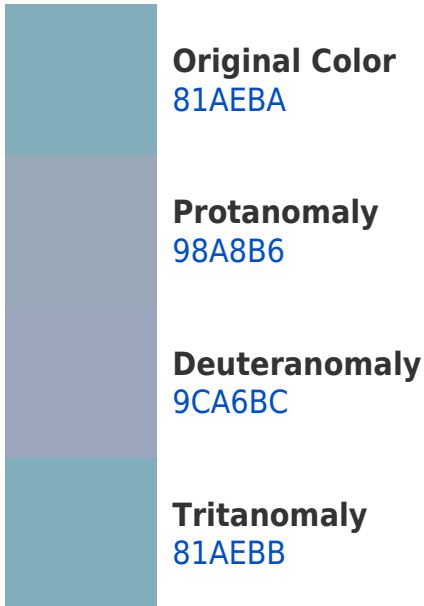
Dichromacy



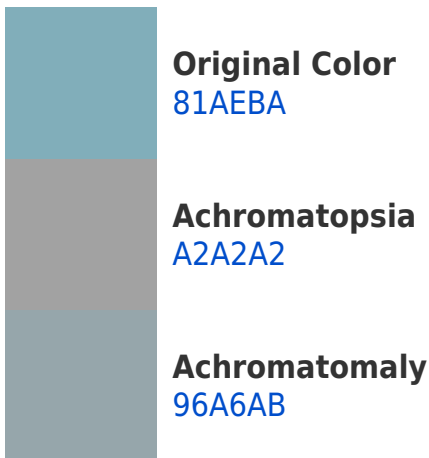


Tritanopia
81AEB3

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #81AEBA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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