

Converting Colors

Hex(81B3CE)

Have a look what the booklet for
Hex(81B3CE) contains.

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Color

Hex(81B3CE)

Conversions

Conversions Part 1

Format	Color
Hex	81B3CE
RGB	129, 179, 206
RGB Percent	51%, 70%, 81%
CMY	0.4941, 0.2980, 0.1922
CMYK	0.37, 0.13, 0.00, 0.19
HSL	201°, 44%, 66%
HSV	201°, 37%, 81%
XYZ	36.3139, 41.3636, 64.4625
YIQ	167.1280, -38.4670, -2.2030

Conversions

Conversions Part 2

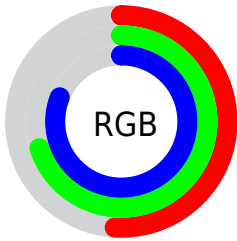
Format	Color
RYB	129, 159, 206
Decimal	8500174
CIELab	70.43, -9.73, -18.92
CIELCh	70, 21.275, 242.783
Yxy	41.3636, 0.2555, 0.2910
Android (android.graphics.Color)	4286690254 (0xFF81B3CE)
YUV	167.1280, 19.1639, -33.4383
Hunter-Lab	64.3145, -11.7638, -14.4063

Details

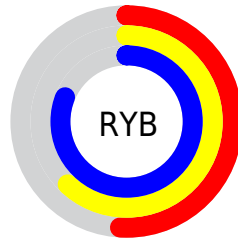
The Hex color **81B3CE** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **CE9C81**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **B8EBFF**, and **4C7E98** is the 20% darker color. If you saturate the color by 10%, you get **6CACCE**, and if you desaturate by 10%, it is **96BACE**.

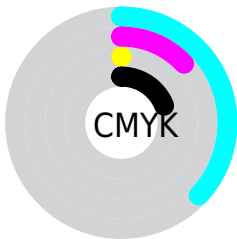
Distribution



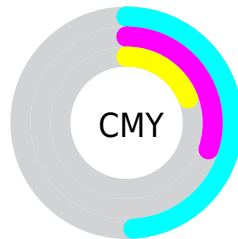
- Red (51%)
- Green (70%)
- Blue (81%)



- Red (51%)
- Yellow (62%)
- Blue (81%)



- Cyan (37%)
- Magenta (13%)
- Yellow (0%)
- Black (19%)



- Cyan (49%)
- Magenta (30%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81B3CE 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 81B3CE by changing the saturation by 10% instead.

 81B3CE

 81B3CE

FFFFFF

 6698B2


 B8EBFF

 4C7E98

 D5FFFF

 31657E

 F2FFFF

 114D65

 00374D

 002136

 000521

 000006

 000000

81B3CE

81B3CE

6CACCE

96BACE

58A5CE

AAC1CE

439DCE

BFC9CE

2F96CE

D3D0CE

1A8FCE

E8D7CE

0588CE

FDDECE

0086CE

FFE6CE

FFEDCE

FFF4CE

Harmonies

Analogous

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



76B6C0



81B3CE



98ADD2

Triad

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



81B3CE



D39FAB



A4B18B

Complementary

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



81B3CE



CE9C81

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.



B9AC86



81B3CE



D3A098

Square

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



81B3CE



C7A1BE



CAA58A



8EB69A

Rectangle

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



81B3CE



A9A9D0



CAA58A



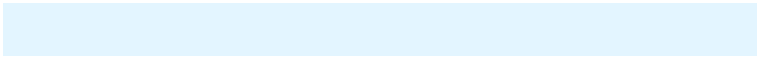
ABB088

Sweetspot

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



81B3CE



E3F5FF



81CE9C



6F7A80



000000



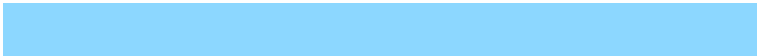
808080

Same Dimension

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



81B3CE



8CD7FF



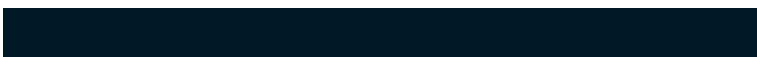
818DCE



5C6266



006CA6



001926

Inverse Universe

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



CE81B3



FF8CD7



CEC281



665C62



A6006C



260019

Previews

White Background



This preview shows how the Hex color 81B3CE looks on a white background.

Color Contrast Check

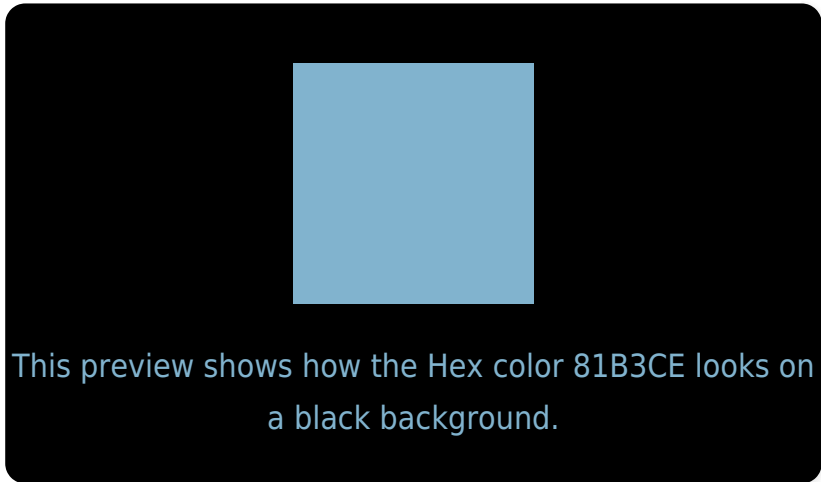
Large Text (above 18pt) WCAG AA × Fail

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

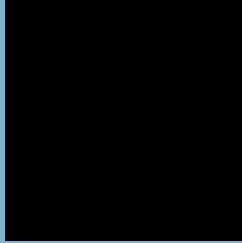
Any Text WCAG AA ✓ Pass

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 81B3CE Background



This preview shows how black text looks on a background with the Hex color 81B3CE.

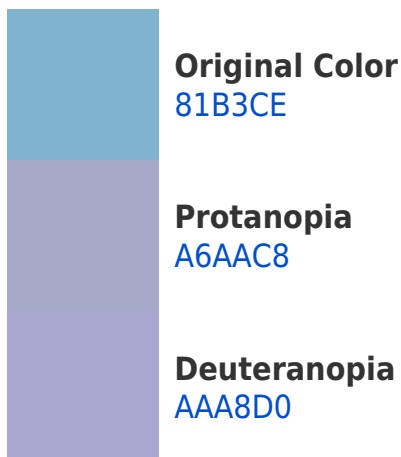


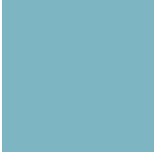
This preview shows how white text looks on a background with the Hex color 81B3CE.

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](#).

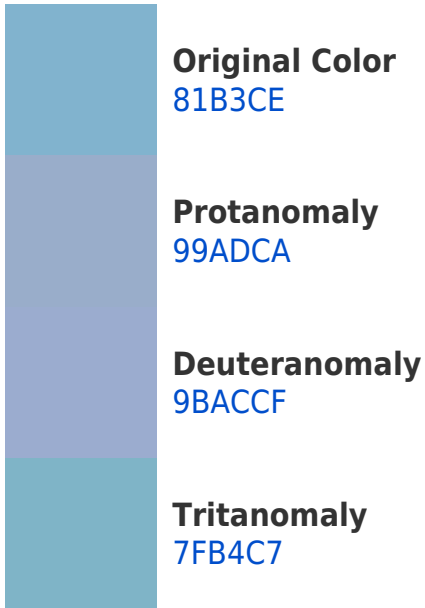
Dichromacy



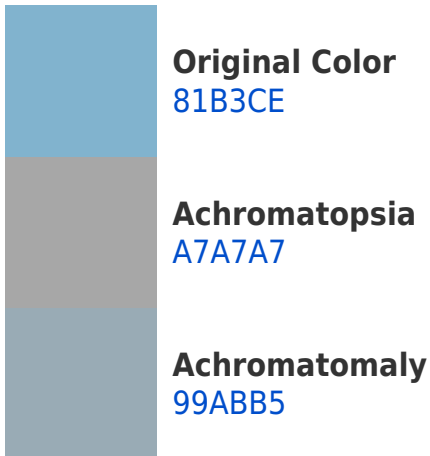


Tritanopia
7EB5C3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81B3CE 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 #81B3CE looks like.

```
.text, #text, p{  
    color:#81B3CE  
}
```

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 #81B3CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81B3CE
}
```

Border

The CSS property to change the border of an element to Hex 81B3CE 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
#81B3CE }
```

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

```
.border{ border-color:#81B3CE }
```

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

Here you see how a box with a 4 pixel #81B3CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81B3CE; -webkit-box-shadow:4px 4px  
4px 4px #81B3CE; box-shadow:4px 4px 4px  
4px #81B3CE }
```

Background

The CSS property to change the background color of an element to Hex 81B3CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81B3CE }
```

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

```
.background{ background-color:#81B3CE }
```

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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