

Converting Colors

Hex(81B6CC)

Have a look what the booklet for
Hex(81B6CC) contains.

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Color

Hex(81B6CC)

Conversions

Conversions Part 1

Format	Color
Hex	81B6CC
RGB	129, 182, 204
RGB Percent	51%, 71%, 80%
CMY	0.4941, 0.2863, 0.2000
CMYK	0.37, 0.11, 0.00, 0.20
HSL	198°, 42%, 65%
HSV	198°, 37%, 80%
XYZ	36.6803, 42.4827, 63.3935
YIQ	168.6610, -38.6500, -4.3940

Conversions

Conversions Part 2

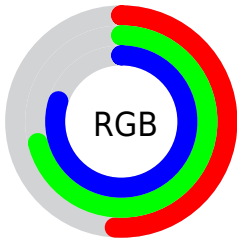
Format	Color
RYB	129, 160, 204
Decimal	8500940
CIELab	71.20, -11.84, -16.65
CIELCh	71, 20.437, 234.579
Yxy	42.4827, 0.2573, 0.2980
Android (android.graphics.Color)	4286691020 (0xFF81B6CC)
YUV	168.6610, 17.4221, -34.7827
Hunter-Lab	65.1787, -13.6092, -12.0409

Details

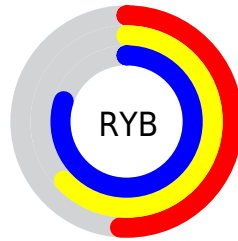
The Hex color **81B6CC** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **CC9781**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **B8EEFF**, and **4C8196** is the 20% darker color. If you saturate the color by 10%, you get **6DB0CC**, and if you desaturate by 10%, it is **95BCCC**.

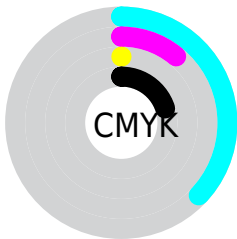
Distribution



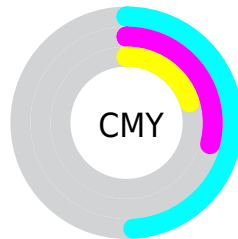
- Red (51%)
- Green (71%)
- Blue (80%)



- Red (51%)
- Yellow (63%)
- Blue (80%)



- Cyan (37%)
- Magenta (11%)
- Yellow (0%)
- Black (20%)



- Cyan (49%)
- Magenta (29%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81B6CC 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 81B6CC by changing the saturation by 10% instead.

 81B6CC

 81B6CC

FFFFFF

 669BB1

 B8EEFF

 4C8196

 D5FFFF

 31687C

 F2FFFF

 125063

 00394B

 002334

 000A1F

 000004

 000000

81B6CC

81B6CC

6DB0CC

95BCCC

58AACC

AAC2CC

44A4CC

BEC8CC

2F9ECC

D3CECC

1B98CC

E7D4CC

0792CC

FBDACC

0090CC

FFE0CC

FFE6CC

FFECCC

Harmonies

Analogous

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



7BB9BD



81B6CC



94B1D3

Triad

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



81B6CC



D1A1B2



ACB28C

Complementary

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



81B6CC



CC9781

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.



C0AC8A



81B6CC



D5A2A0

Square

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



81B6CC



C3A5C4



CFA691



97B698

Rectangle

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



81B6CC



A5ADD2



CFA691



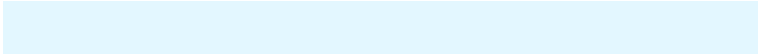
B3B08A

Sweetspot

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



81B6CC



E3F7FF



81CC96



6F7B80



000000



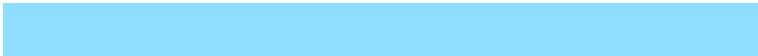
808080

Same Dimension

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



81B6CC



8FDEFF



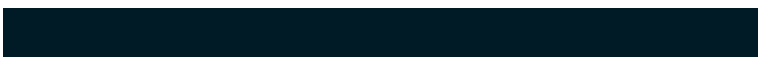
8191CC



5C6366



0075A6



001B26

Inverse Universe

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



CC81B6



FF8FDE



CCBC81



665C63



A60075



26001B

Previews

White Background



This preview shows how the Hex color 81B6CC looks on a white background.

Color Contrast Check

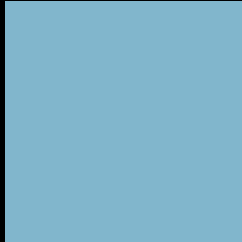
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 81B6CC looks on a 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 81B6CC Background



This preview shows how black text looks on a background with the Hex color 81B6CC.

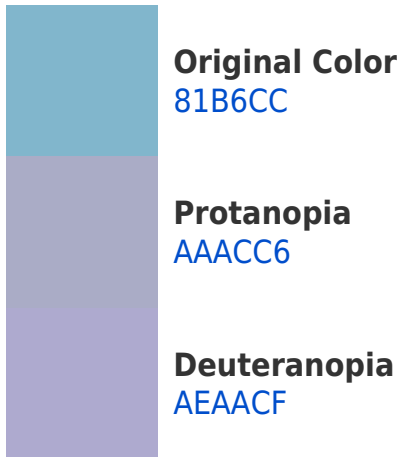


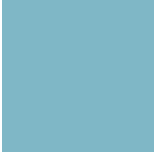
This preview shows how white text looks on a background with the Hex color 81B6CC.

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



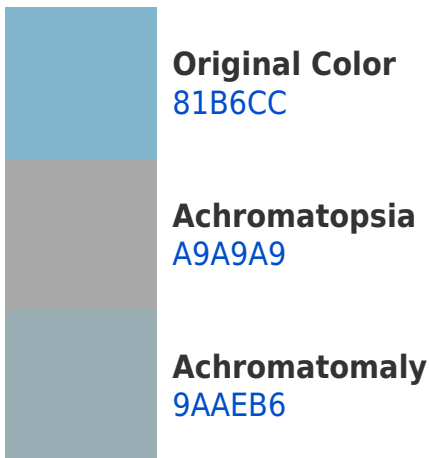


Tritanopia
7FB7C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81B6CC 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 #81B6CC looks like.

```
.text, #text, p{  
    color:#81B6CC  
}
```

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 #81B6CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81B6CC  
}
```

Border

The CSS property to change the border of an element to Hex 81B6CC 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  
#81B6CC }
```

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

```
.border{ border-color:#81B6CC }
```

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

Here you see how a box with a 4 pixel #81B6CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81B6CC; -webkit-box-shadow:4px 4px  
4px 4px #81B6CC; box-shadow:4px 4px 4px  
4px #81B6CC }
```

Background

The CSS property to change the background color of an element to Hex 81B6CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81B6CC }
```

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

```
.background{ background-color:#81B6CC }
```

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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