

Converting Colors

Hex(81BCCF)

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

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Color

Hex(81BCCF)

Conversions

Conversions Part 1

Format	Color
Hex	81BCCF
RGB	129, 188, 207
RGB Percent	51%, 74%, 81%
CMY	0.4941, 0.2627, 0.1882
CMYK	0.38, 0.09, 0.00, 0.19
HSL	195°, 45%, 66%
HSV	195°, 38%, 81%
XYZ	38.2990, 45.1386, 65.7255
YIQ	172.5250, -41.2630, -6.5990

Conversions

Conversions Part 2

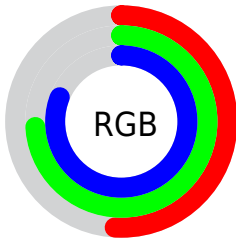
Format	Color
R _Y B	129, 163, 207
Decimal	8502479
CIE Lab	72.98, -14.24, -15.61
CIE LCh	73, 21.129, 227.620
Yxy	45.1386, 0.2568, 0.3026
Android (android.graphics.Color)	4286692559 (0xFF81BCCF)
YUV	172.5250, 16.9962, -38.1714
Hunter-Lab	67.1852, -15.8202, -10.9722

Details

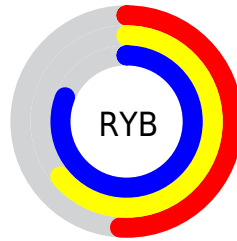
The Hex color **81BCCF** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **CF9481**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **B8F4FF**, and **4B8799** is the 20% darker color. If you saturate the color by 10%, you get **6CB7CF**, and if you desaturate by 10%, it is **96C1CF**.

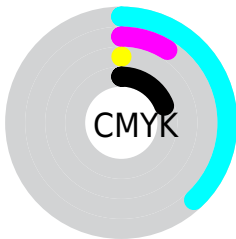
Distribution



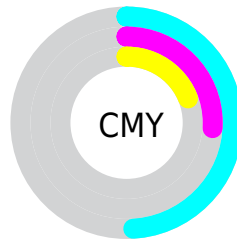
- Red (51%)
- Green (74%)
- Blue (81%)



- Red (51%)
- Yellow (64%)
- Blue (81%)



- Cyan (38%)
- Magenta (9%)
- Yellow (0%)
- Black (19%)



- Cyan (49%)
- Magenta (26%)
- Yellow (19%)

Brightness & Saturation Gradients

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

 81BCCF

 81BCCF

FFFFFF

 66A1B3

 B8F4FF

 4B8799

 D5FFFF

 306D7F

 F2FFFF

 0E5566

 003E4E

 002837

 001421

 000009

 000000

81BCCF

81BCCF

6CB7CF

96C1CF

58B2CF

AAC6CF

43ADCF

BFCBCF

2EA8CF

D4D0CF

19A3CF

E8D5CF

059ECF

FDDACF

009DCF

FFDFCF

FFE4CF

FFE9CF

Harmonies

Analogous

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



7FBEBE



81BCCF



93B7D8

Triad

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



81BCCF



D5A6BC



B6B58E

Complementary

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



81BCCF



CF9481

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.



CAAF8E



81BCCF



DBA6A8

Square

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



81BCCF



C4ABCD



D7A997



A0BB99

Rectangle

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



81BCCF



A3B3D9



D7A997



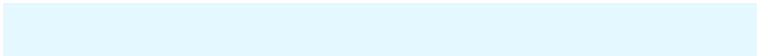
BDB38D

Sweetspot

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



81BCCF



E3F8FF



81CF93



6F7B80



000000



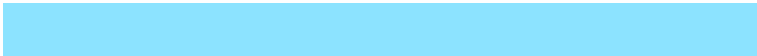
808080

Same Dimension

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



81BCCF



8CE3FF



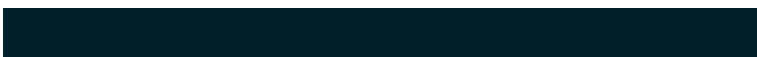
8196CF



5E6669



007FA8



001F29

Inverse Universe

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



CF81BC



FF8CE3



CFBA81



695E66



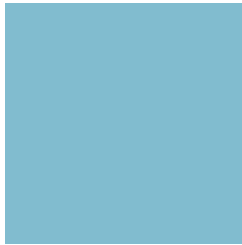
A8007F



29001F

Previews

White Background



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

Color Contrast Check

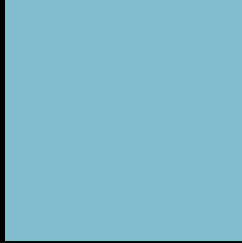
Large Text (above 18pt) WCAG AA × Fail

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 81BCCF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

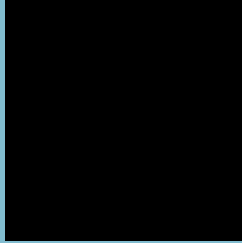
Any Text WCAG AA ✓ Pass

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 81BCCF Background



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



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

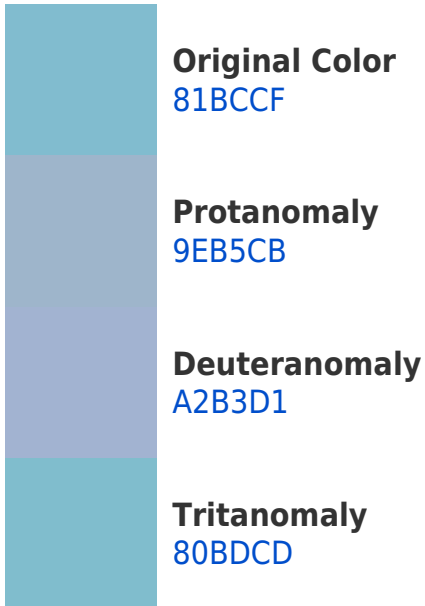
Color Blindness Simulation

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](#).

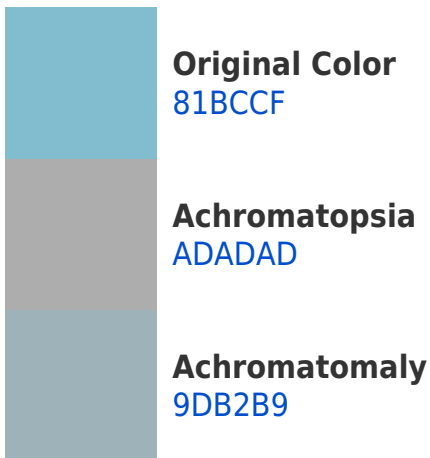
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #81BCCF colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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