

Converting Colors

Hex(81BCC2)

Have a look what the booklet for
Hex(81BCC2) contains.

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Color

Hex(81BCC2)

Conversions

Conversions Part 1

Format	Color
Hex	81BCC2
RGB	129, 188, 194
RGB Percent	51%, 74%, 76%
CMY	0.4941, 0.2627, 0.2392
CMYK	0.34, 0.03, 0.00, 0.24
HSL	186°, 35%, 63%
HSV	186°, 34%, 76%
XYZ	36.7741, 44.5286, 57.6956
YIQ	171.0430, -37.0900, -10.6420

Conversions

Conversions Part 2

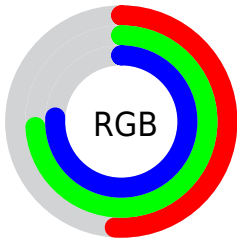
Format	Color
RYB	129, 160, 194
Decimal	8502466
CIELab	72.58, -17.47, -9.12
CIELCh	73, 19.710, 207.553
Yxy	44.5286, 0.2646, 0.3204
Android (android.graphics.Color)	4286692546 (0xFF81BCC2)
YUV	171.0430, 11.3178, -36.8717
Hunter-Lab	66.7298, -18.4076, -4.5523

Details

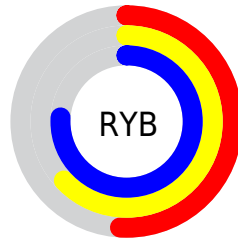
The Hex color **81BCC2** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **C28781**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **B8F4FA**, and **4C878C** is the 20% darker color. If you saturate the color by 10%, you get **6EBAC2**, and if you desaturate by 10%, it is **94BEC2**.

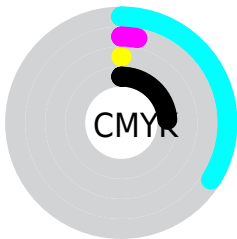
Distribution



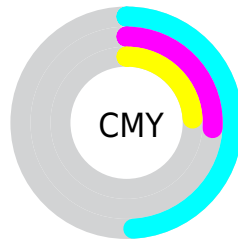
- Red (51%)
- Green (74%)
- Blue (76%)



- Red (51%)
- Yellow (63%)
- Blue (76%)



- Cyan (34%)
- Magenta (3%)
- Yellow (0%)
- Black (24%)




- Cyan (49%)
- Magenta (26%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81BCC2 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 81BCC2 by changing the saturation by 10% instead.

 81BCC2

 81BCC2

FFFFFF

 66A1A7

 B8F4FA

 4C878C

 D4FFFF

 326D73

 F1FFFF

 14555A


 003D43

 00272D

 001119

 000000

 81BCC2

 81BCC2

6EBAC2

94BEC2

5AB8C2

A8C0C2

47B7C2

BBC1C2

33B5C2

CFC3C2

20B3C2

E2C5C2

0DB1C2

F5C7C2

00B0C2

FFC9C2

FFCAC2

FFCCC2

Harmonies

Analogous

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



88BCB0



81BCC2



88B9D0

Triad

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



81BCC2



C8A8C6



C1B08E

Complementary

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



81BCC2



C28781

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.



D0AA94



81BCC2



D5A6B4

Square

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



81BCC2



B3AED2



D7A6A2



AEB692

Rectangle

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



81BCC2



94B6D5



D7A6A2



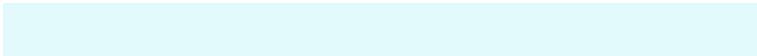
C7AE8F

Sweetspot

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



81BCC2



E3FAFC



81C286



707E80



000000



808080

Same Dimension

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



81BCC2



97F3FC



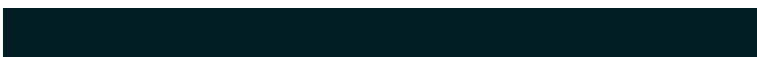
819CC2



576061



0092A1



001E21

Inverse Universe

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



C281BC



FC97F3



C2A781



615760



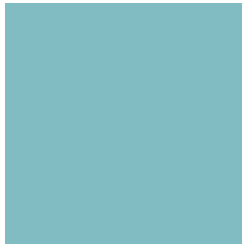
A10092



21001E

Previews

White Background



This preview shows how the Hex color 81BCC2 looks on a white background.

Color Contrast Check

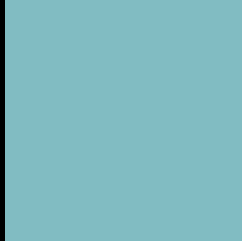
Large Text (above 18pt) WCAG AA × Fail

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 81BCC2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

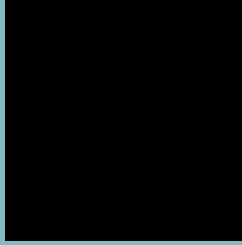
Any Text WCAG AA ✓ Pass

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 81BCC2 Background



This preview shows how black text looks on a background with the Hex color 81BCC2.



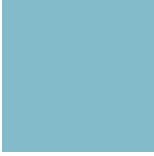
This preview shows how white text looks on a background with the Hex color 81BCC2.

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](#).

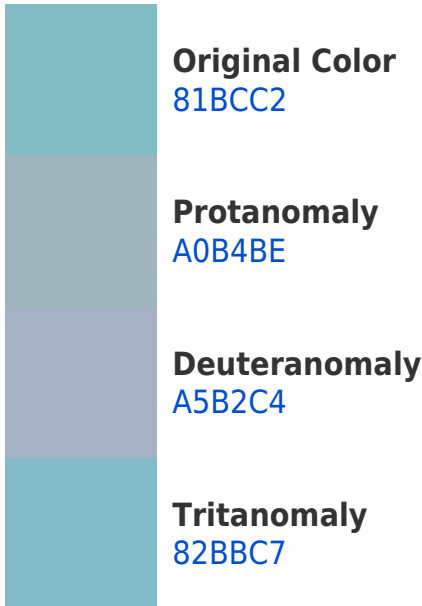
Dichromacy



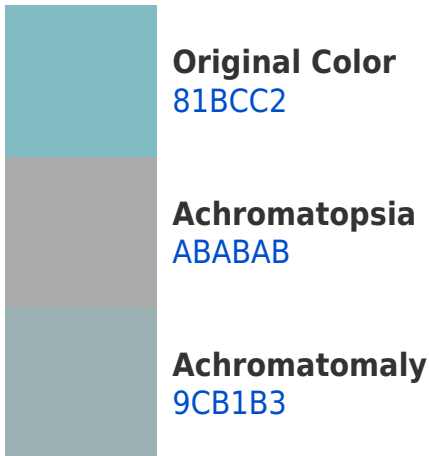


Tritanopia
83BBCA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81BCC2 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 #81BCC2 looks like.

```
.text, #text, p{  
    color:#81BCC2  
}
```

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 #81BCC2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81BCC2
}
```

Border

The CSS property to change the border of an element to Hex 81BCC2 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
#81BCC2 }
```

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

```
.border{ border-color:#81BCC2 }
```

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

Here you see how a box with a 4 pixel #81BCC2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81BCC2; -webkit-box-shadow:4px 4px  
4px 4px #81BCC2; box-shadow:4px 4px 4px  
4px #81BCC2 }
```

Background

The CSS property to change the background color of an element to Hex 81BCC2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81BCC2 }
```

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

```
.background{ background-color:#81BCC2 }
```

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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