

Converting Colors

Hex(80B4CA)

Have a look what the booklet for
Hex(80B4CA) contains.

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Color

Hex(80B4CA)

Conversions

Conversions Part 1

Format	Color
Hex	80B4CA
RGB	128, 180, 202
RGB Percent	50%, 71%, 79%
CMY	0.4980, 0.2941, 0.2078
CMYK	0.37, 0.11, 0.00, 0.21
HSL	198°, 41%, 65%
HSV	198°, 37%, 79%
XYZ	35.8840, 41.4960, 61.9954
YIQ	166.9600, -38.0540, -4.1820

Conversions

Conversions Part 2

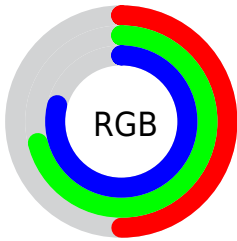
Format	Color
R _{YB}	128, 159, 202
Decimal	8434890
CIE Lab	70.52, -11.57, -16.59
CIE LCh	71, 20.224, 235.120
Yxy	41.4960, 0.2575, 0.2977
Android (android.graphics.Color)	4286624970 (0xFF80B4CA)
YUV	166.9600, 17.2747, -34.1679
Hunter-Lab	64.4174, -13.2961, -11.9686

Details

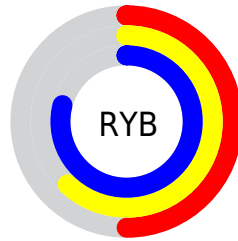
The Hex color **80B4CA** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **CA9680**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **B7ECFF**, and **4B7F94** is the 20% darker color. If you saturate the color by 10%, you get **6CAECA**, and if you desaturate by 10%, it is **94BACA**.

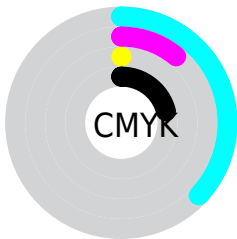
Distribution



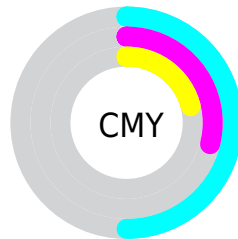
- Red (50%)
- Green (71%)
- Blue (79%)



- Red (50%)
- Yellow (62%)
- Blue (79%)



- Cyan (37%)
- Magenta (11%)
- Yellow (0%)
- Black (21%)



- Cyan (50%)
- Magenta (29%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80B4CA 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 80B4CA by changing the saturation by 10% instead.

 80B4CA

 80B4CA

FFFFFF

 6599AF

 B7ECFF

 4B7F94

 D4FFFF

 30667A


 F0FFFF

 114E61

 003749

 002233

 00051E

 000001

 000000

80B4CA

80B4CA

6CAECA

94BACA

58A8CA

A8C0CA

43A2CA

BDC6CA

2F9CCA

D1CCCA

1B96CA

E5D2CA

0790CA

F9D8CA

008ECA

FFDECA

FFE4CA

FFEACA

Harmonies

Analogous

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



7AB7BB



80B4CA



93AFD1

Triad

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



80B4CA



CFA0B0



AAB08B

Complementary

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



80B4CA



CA9680

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.



BEAA88



80B4CA



D3A09E

Square

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



80B4CA



C2A3C2



CCA48F



95B597

Rectangle

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



80B4CA



A4ABD0



CCA48F



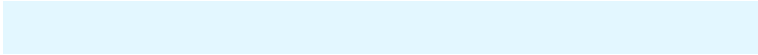
B1AE89

Sweetspot

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



80B4CA



E3F7FF



80CA95



6F7B80



000000



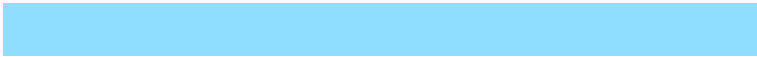
808080

Same Dimension

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



80B4CA



8FDEFF



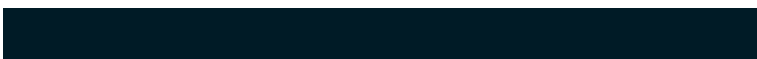
8090CA



5C6366



0074A6



001B26

Inverse Universe

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



CA80B4



FF8FDE



CABA80



665C63



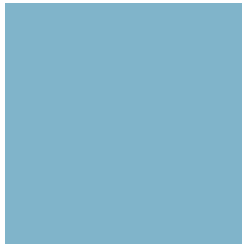
A60074



26001B

Previews

White Background



This preview shows how the Hex color 80B4CA looks on a white background.

Color Contrast Check

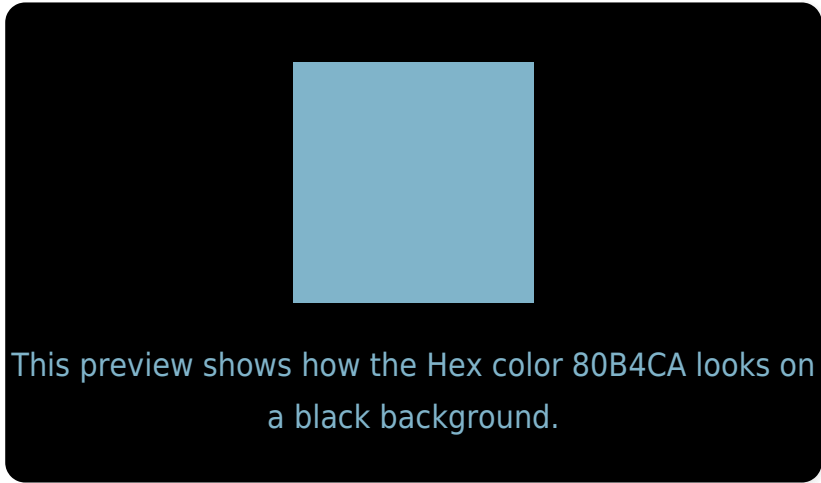
Large Text (above 18pt) WCAG AA × Fail

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

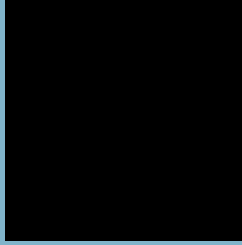
Any Text WCAG AA ✓ Pass

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 80B4CA Background



This preview shows how black text looks on a background with the Hex color 80B4CA.

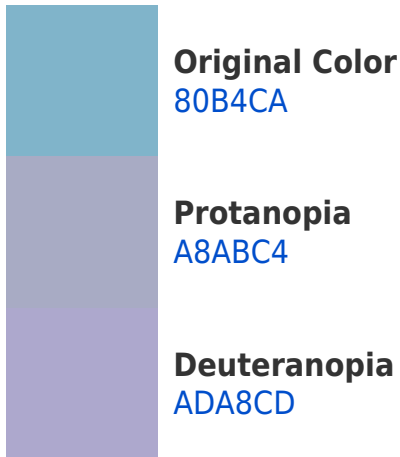


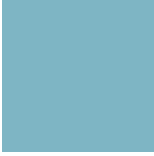
This preview shows how white text looks on a background with the Hex color 80B4CA.

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](#).

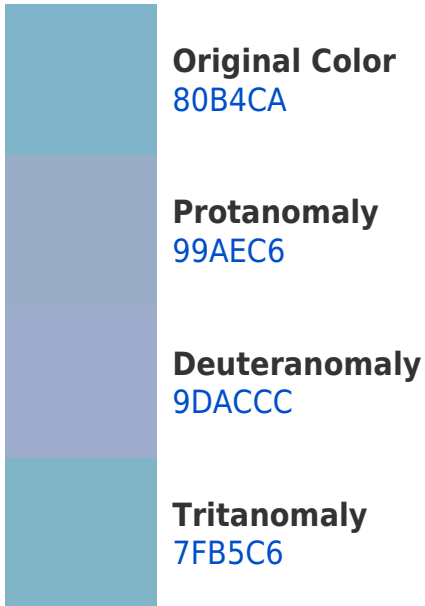
Dichromacy



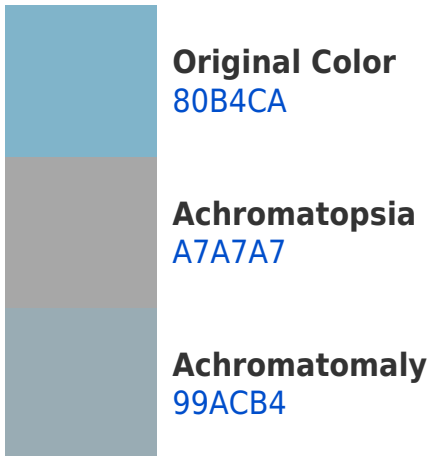


Tritanopia
7EB5C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80B4CA 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 #80B4CA looks like.

```
.text, #text, p{  
    color:#80B4CA  
}
```

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 #80B4CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80B4CA
}
```

Border

The CSS property to change the border of an element to Hex 80B4CA 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
#80B4CA }
```

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

```
.border{ border-color:#80B4CA }
```

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

Here you see how a box with a 4 pixel #80B4CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80B4CA; -webkit-box-shadow:4px 4px  
4px 4px #80B4CA; box-shadow:4px 4px 4px  
4px #80B4CA }
```

Background

The CSS property to change the background color of an element to Hex 80B4CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80B4CA }
```

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

```
.background{ background-color:#80B4CA }
```

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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