

Converting Colors

Hex(80B6D8)

Have a look what the booklet for
Hex(80B6D8) contains.

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Color

Hex(80B6D8)

Conversions

Conversions Part 1

Format	Color
Hex	80B6D8
RGB	128, 182, 216
RGB Percent	50%, 71%, 85%
CMY	0.4980, 0.2863, 0.1529
CMYK	0.41, 0.16, 0.00, 0.15
HSL	203°, 53%, 67%
HSV	203°, 41%, 85%
XYZ	38.0247, 43.0030, 71.2620
YIQ	169.7300, -43.0980, -0.8740

Conversions

Conversions Part 2

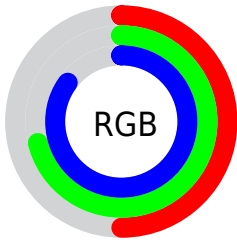
Format	Color
RYB	128, 161, 216
Decimal	8435416
CIELab	71.56, -8.98, -22.68
CIELCh	72, 24.397, 248.407
Yxy	43.0030, 0.2497, 0.2824
Android (android.graphics.Color)	4286625496 (0xFF80B6D8)
YUV	169.7300, 22.8111, -36.5972
Hunter-Lab	65.5766, -11.2557, -18.5267

Details

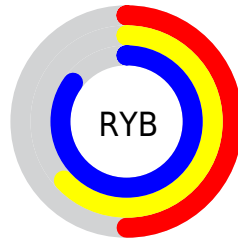
The Hex color **80B6D8** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **D8A280**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **B8EEFF**, and **4981A1** is the 20% darker color. If you saturate the color by 10%, you get **6AAED8**, and if you desaturate by 10%, it is **96BED8**.

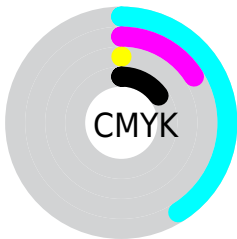
Distribution



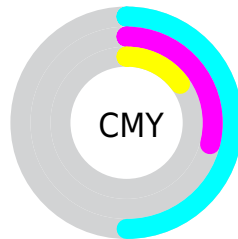
- Red (50%)
- Green (71%)
- Blue (85%)



- Red (50%)
- Yellow (63%)
- Blue (85%)



- Cyan (41%)
- Magenta (16%)
- Yellow (0%)
- Black (15%)



- Cyan (50%)
- Magenta (29%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80B6D8 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 80B6D8 by changing the saturation by 10% instead.

 80B6D8

 80B6D8

FFFFFF

 659BBC

 B8EEFF

 4981A1

 D4FFFF

 2D6887

 F2FFFF

 06506D

 003955

 00243E

 000D28

 000112

 000000

80B6D8

80B6D8

6AAED8

96BED8

55A5D8

ABC7D8

3F9DD8

C1CFD8

2A95D8

D6D7D8

148CD8

ECE0D8

0085D8

FFE8D8

FFF0D8

FFF9D8

FFFFD8

Harmonies

Analogous

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



70BACA



80B6D8



9DAFDB

Triad

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



80B6D8



DC9FAA



A1B68C

Complementary

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



80B6D8



D8A280

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.



B9B083



80B6D8



DBA295

Square

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



80B6D8



D1A1C0



CEA887



88BB9E

Rectangle

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



80B6D8



B1AAD6



CEA887



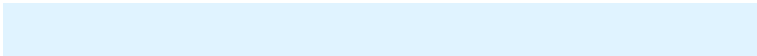
A9B488

Sweetspot

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



80B6D8



E0F3FF



80D8A2



6E7980



000000



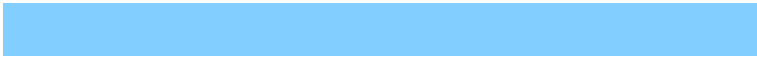
808080

Same Dimension

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



80B6D8



82CFFF



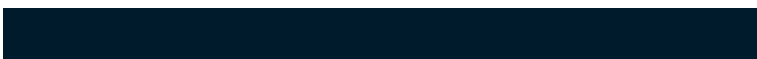
808AD8



60676B



0069AB



001B2B

Inverse Universe

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



D880B6



FF82CF



D8CE80



6B6067



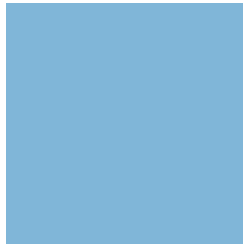
AB0069



2B001B

Previews

White Background



This preview shows how the Hex color 80B6D8 looks on a white background.

Color Contrast Check

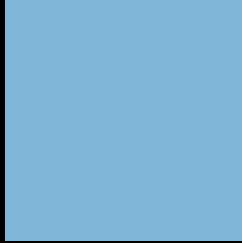
Large Text (above 18pt) WCAG AA × Fail

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 80B6D8 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 80B6D8 Background



This preview shows how black text looks on a background with the Hex color 80B6D8.

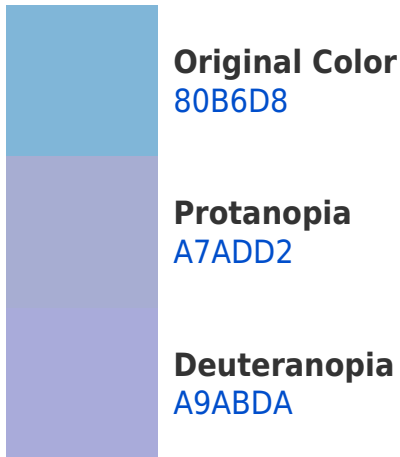


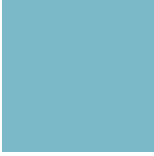
This preview shows how white text looks on a background with the Hex color 80B6D8.

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](#).

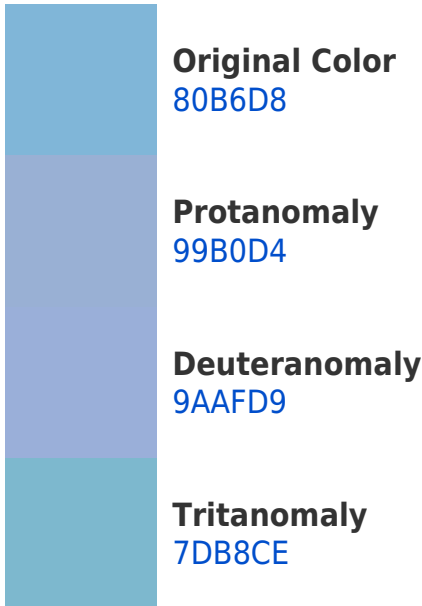
Dichromacy



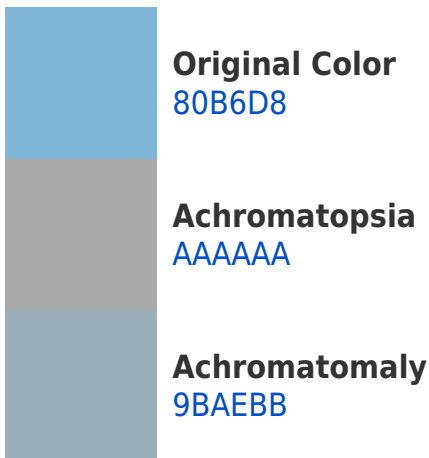


Tritanopia
7CB9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80B6D8 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 #80B6D8 looks like.

```
.text, #text, p{  
    color:#80B6D8  
}
```

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 #80B6D8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80B6D8
}
```

Border

The CSS property to change the border of an element to Hex 80B6D8 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
#80B6D8 }
```

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

```
.border{ border-color:#80B6D8 }
```

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

Here you see how a box with a 4 pixel #80B6D8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80B6D8; -webkit-box-shadow:4px 4px  
4px 4px #80B6D8; box-shadow:4px 4px 4px  
4px #80B6D8 }
```

Background

The CSS property to change the background color of an element to Hex 80B6D8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80B6D8 }
```

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

```
.background{ background-color:#80B6D8 }
```

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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