

Converting Colors

Hex(80B6D1)

Have a look what the booklet for
Hex(80B6D1) contains.

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Color

Hex(80B6D1)

Conversions

Conversions Part 1

Format	Color
Hex	80B6D1
RGB	128, 182, 209
RGB Percent	50%, 71%, 82%
CMY	0.4980, 0.2863, 0.1804
CMYK	0.39, 0.13, 0.00, 0.18
HSL	200°, 47%, 66%
HSV	200°, 39%, 82%
XYZ	37.1387, 42.6485, 66.5962
YIQ	168.9320, -40.8510, -3.0510

Conversions

Conversions Part 2

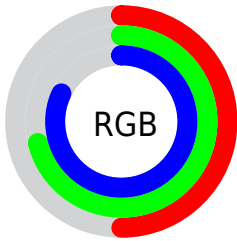
Format	Color
R _Y B	128, 160, 209
Decimal	8435409
CIE Lab	71.32, -10.82, -19.23
CIE LCh	71, 22.062, 240.622
Yxy	42.6485, 0.2537, 0.2913
Android (android.graphics.Color)	4286625489 (0xFF80B6D1)
YUV	168.9320, 19.7535, -35.8974
Hunter-Lab	65.3059, -12.7744, -14.7474

Details

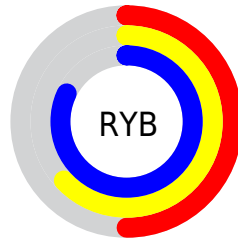
The Hex color **80B6D1** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **D19B80**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **B7EEFF**, and **4A819B** is the 20% darker color. If you saturate the color by 10%, you get **6BAFD1**, and if you desaturate by 10%, it is **95BDD1**.

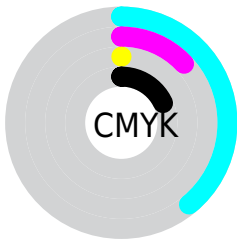
Distribution



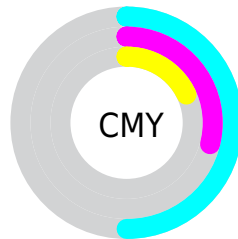
- Red (50%)
- Green (71%)
- Blue (82%)



- Red (50%)
- Yellow (63%)
- Blue (82%)



- Cyan (39%)
- Magenta (13%)
- Yellow (0%)
- Black (18%)



- Cyan (50%)
- Magenta (29%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80B6D1 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 80B6D1 by changing the saturation by 10% instead.

 80B6D1

 80B6D1

FFFFFF

 659BB5

 B7EEFF

 4A819B

 D4FFFF

 2E6880

 F1FFFF

 0C5067

 00394F

 002338

 000B23

 00000A

 000000

80B6D1

80B6D1

6BAFD1

95BDD1

56A8D1

AAC4D1

41A1D1

BFCBD1

2C9AD1

D4D2D1

1893D1

E9D9D1

038CD1

FDE0D1

008BD1

FFE7D1

FFEE1D1

FFF5D1

Harmonies

Analogous

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



76B9C2



80B6D1



97B0D6

Triad

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



80B6D1



D6A0AF



A8B48C

Complementary

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



80B6D1



D19B80

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.



BDAD87



80B6D1



D8A29B

Square

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



80B6D1



C9A3C3



CFA78C



91B89A

Rectangle

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



80B6D1



AAACD4



CFA78C



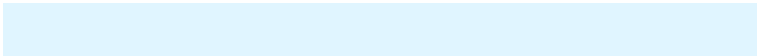
AFB289

Sweetspot

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



80B6D1



E0F5FF



80D19B



6E7A80



000000



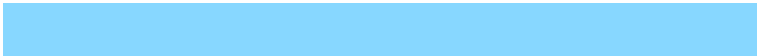
808080

Same Dimension

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



80B6D1



87D7FF



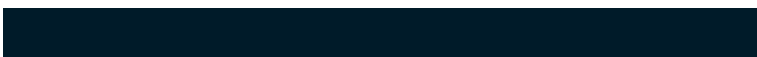
808FD1



5E6569



0070A8



001B29

Inverse Universe

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



D180B6



FF87D7



D1C480



695E65



A80070



29001B

Previews

White Background



This preview shows how the Hex color 80B6D1 looks on a white background.

Color Contrast Check

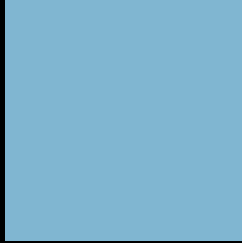
Large Text (above 18pt) WCAG AA × Fail

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 80B6D1 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 80B6D1 Background



This preview shows how black text looks on a background with the Hex color 80B6D1.

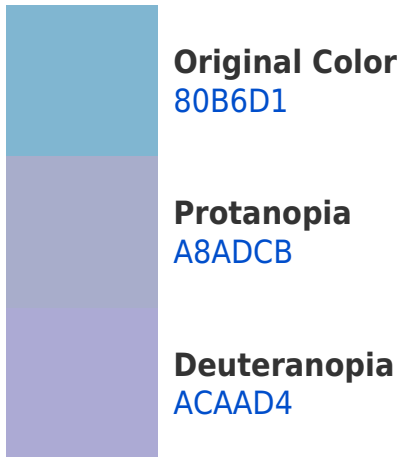


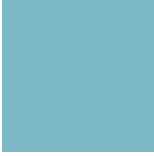
This preview shows how white text looks on a background with the Hex color 80B6D1.

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](#).

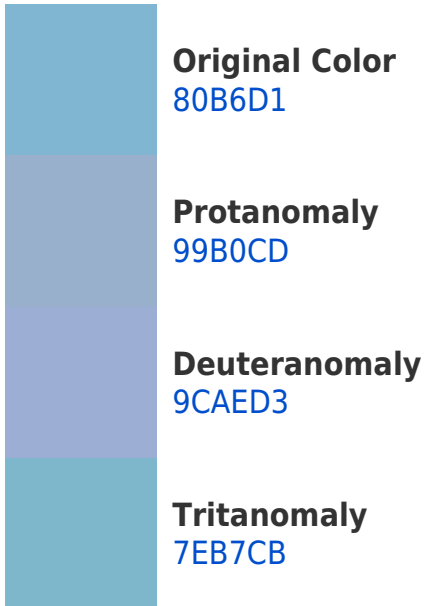
Dichromacy



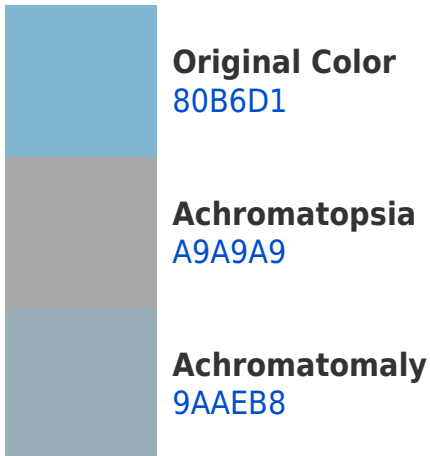


Tritanopia
7DB8C7

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80B6D1 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 #80B6D1 looks like.

```
.text, #text, p{  
    color:#80B6D1  
}
```

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 #80B6D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80B6D1
}
```

Border

The CSS property to change the border of an element to Hex 80B6D1 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
#80B6D1 }
```

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

```
.border{ border-color:#80B6D1 }
```

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

Here you see how a box with a 4 pixel #80B6D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80B6D1; -webkit-box-shadow:4px 4px  
4px 4px #80B6D1; box-shadow:4px 4px 4px  
4px #80B6D1 }
```

Background

The CSS property to change the background color of an element to Hex 80B6D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80B6D1 }
```

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

```
.background{ background-color:#80B6D1 }
```

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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