

Converting Colors

Hex(80ABDC)

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

Hex(80ABDC)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(80ABDC)

Conversions

Conversions Part 1

Format	Color
Hex	80ABDC
RGB	128, 171, 220
RGB Percent	50%, 67%, 86%
CMY	0.4980, 0.3294, 0.1373
CMYK	0.42, 0.22, 0.00, 0.14
HSL	212°, 57%, 68%
HSV	212°, 42%, 86%
XYZ	36.3833, 38.8823, 73.2976
YIQ	163.7290, -41.3570, 6.1230

Conversions

Conversions Part 2

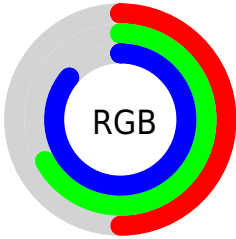
Format	Color
RYB	128, 157, 220
Decimal	8432604
CIELab	68.67, -1.90, -29.31
CIELCh	69, 29.369, 266.297
Yxy	38.8823, 0.2449, 0.2617
Android (android.graphics.Color)	4286622684 (0xFF80ABDC)
YUV	163.7290, 27.7416, -31.3343
Hunter-Lab	62.3557, -4.9714, -26.0450

Details

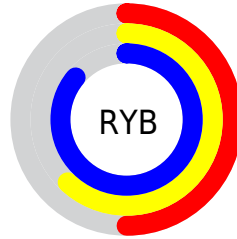
The Hex color **80ABDC** is a light color, and the websafe version is hex **6699CC**. A complement of this color would be **DCB180**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **B8E2FF**, and **4977A5** is the 20% darker color. If you saturate the color by 10%, you get **6A9FDC**, and if you desaturate by 10%, it is **96B7DC**.

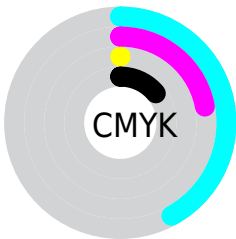
Distribution



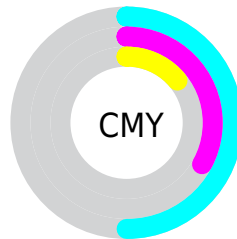
- Red (50%)
- Green (67%)
- Blue (86%)



- Red (50%)
- Yellow (62%)
- Blue (86%)



- Cyan (42%)
- Magenta (22%)
- Yellow (0%)
- Black (14%)



- Cyan (50%)
- Magenta (33%)
- Yellow (14%)

Brightness & Saturation Gradients

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

 80ABDC

 80ABDC

FFFFFF

 6591C0

 B8E2FF

 4977A5

 D5FFFF

 2D5E8A

 F2FFFF

 054771

 003158

 001C40

 00032A

 000114

 000000

■ 80ABDC

■ 80ABDC

■ 6A9FDC

■ 96B7DC

■ 5494DC

■ ACC2DC

■ 3E88DC

■ C2CEDC

■ 287CDC

■ D8DADC

■ 1270DC

■ EEE6DC

■ 0067DC

■ FFF1DC

■ FFFDDC

■ FFFFDC

Harmonies

Analogous

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



5EB2D3



80ABDC



A7A2D7

Triad

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



80ABDC



DC9591



83B389

Complementary

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



80ABDC



DCB180

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.



A2AD77



80ABDC



D29C7C

Square

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



80ABDC



D994AC



BDA573



65B6A3

Rectangle

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



80ABDC



BD9CCC



BDA573



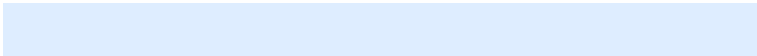
8DB182

Sweetspot

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



80ABDC



DEEDFF



80DCB0



6B7580



000000



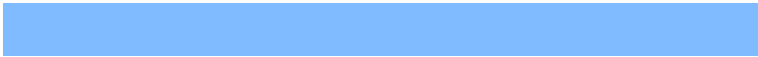
808080

Same Dimension

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



80ABDC



80BBFF



8280DC



63686E



0051AD



00152E

Inverse Universe

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



DC80AB



FF80BB



DADC80



6E6368



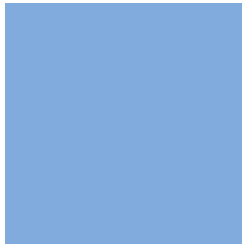
AD0051



2E0015

Previews

White Background



This preview shows how the Hex color 80ABDC 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 80ABDC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

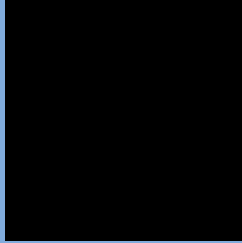
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

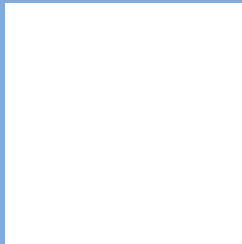
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 80ABDC Background



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

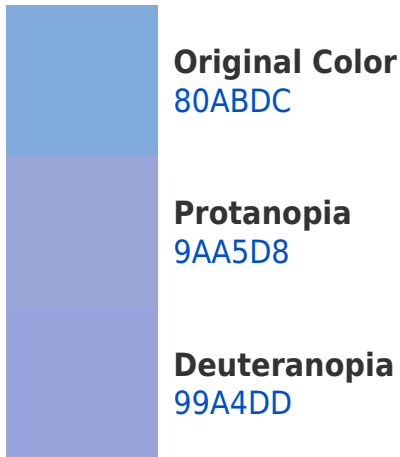


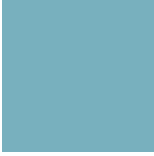
This preview shows how white text looks on a background with the Hex color 80ABDC.

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](#).

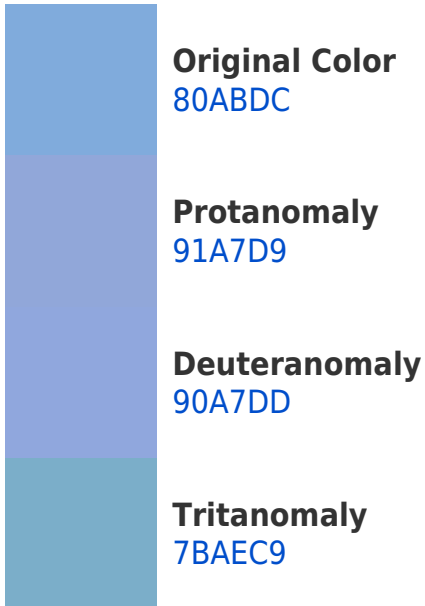
Dichromacy



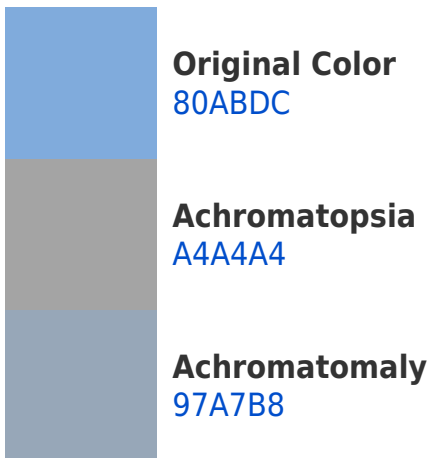


Tritanopia
78B0BE

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #80ABDC colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor