

Converting Colors

Hex(80CCDA)

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

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Color

Hex(80CCDA)

Conversions

Conversions Part 1

Format	Color
Hex	80CCDA
RGB	128, 204, 218
RGB Percent	50%, 80%, 85%
CMY	0.4980, 0.2000, 0.1451
CMYK	0.41, 0.06, 0.00, 0.15
HSL	189°, 55%, 68%
HSV	189°, 41%, 85%
XYZ	43.1498, 52.8369, 74.2540
YIQ	182.8720, -49.7900, -11.7580

Conversions

Conversions Part 2

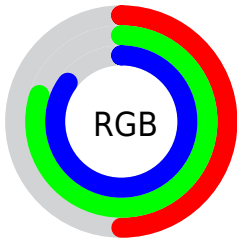
Format	Color
RYB	128, 169, 218
Decimal	8441050
CIELab	77.78, -19.94, -14.35
CIELCh	78, 24.566, 215.756
Yxy	52.8369, 0.2535, 0.3104
Android (android.graphics.Color)	4286631130 (0xFF80CCDA)
YUV	182.8720, 17.3181, -48.1227
Hunter-Lab	72.6890, -21.2440, -9.6842

Details

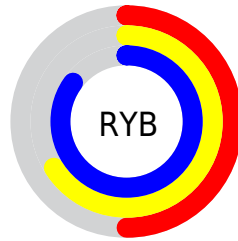
The Hex color **80CCDA** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DA8E80**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **B9FFFF**, and **4896A3** is the 20% darker color. If you saturate the color by 10%, you get **6AC9DA**, and if you desaturate by 10%, it is **96CFDA**.

Distribution



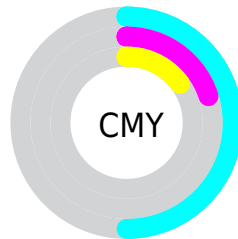
- Red (50%)
- Green (80%)
- Blue (85%)



- Red (50%)
- Yellow (66%)
- Blue (85%)



- Cyan (41%)
- Magenta (6%)
- Yellow (0%)
- Black (15%)



- Cyan (50%)
- Magenta (20%)
- Yellow (15%)

Brightness & Saturation Gradients

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

 80CCDA

 80CCDA

FFFFFF

 64B0BE

 B9FFFF

 4896A3

 D5FFFF

 297C89

 F3FFFF

 00636F

 004B57

 003440

 001F2A

 000116

 000000

 80CCDA

 80CCDA

 6AC9DA

 96CFDA

 54C5DA

 ACD3DA

 3FC2DA

 C1D6DA

 29BEDA

 D7DADA

 13BBDA

 EDDDDA

 00B8DA

 FFE0DA

 FFE4DA

 FFE7DA

 FFE8DA

Harmonies

Analogous

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



86CDC4



80CCDA



8FC8E9

Triad

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



80CCDA



E2B2D3



CDC093

Complementary

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



80CCDA



DA8E80

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.



E2B997



80CCDA



EEB0BD

Square

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



80CCDA



CAB9E5



EEB2A7



B4C79B

Rectangle

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



80CCDA



A1C3ED



EEB2A7



D5BE93

Sweetspot

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



80CCDA



E0FAFF



80DA8D



6E7D80



000000



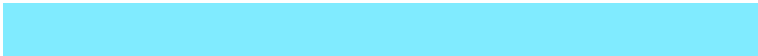
808080

Same Dimension

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



80CCDA



80EBFF



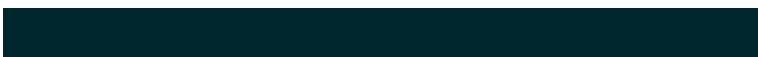
80A0DA



636C6E



0092AD



00272E

Inverse Universe

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



DA80CC



FF80EB



DABB80



6E636C



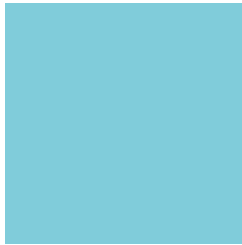
AD0092



2E0027

Previews

White Background



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

Color Contrast Check

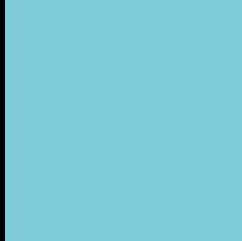
Large Text (above 18pt) WCAG AA × Fail

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 80CCDA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

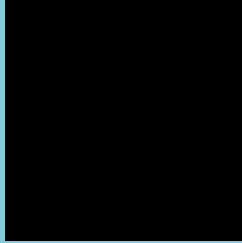
Any Text WCAG AA ✓ Pass

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 80CCDA Background



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

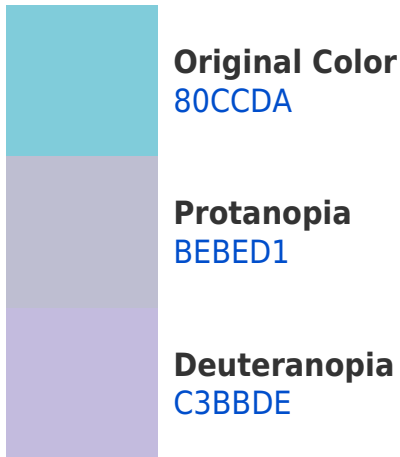


This preview shows how white text looks on a background with the Hex color 80CCDA.

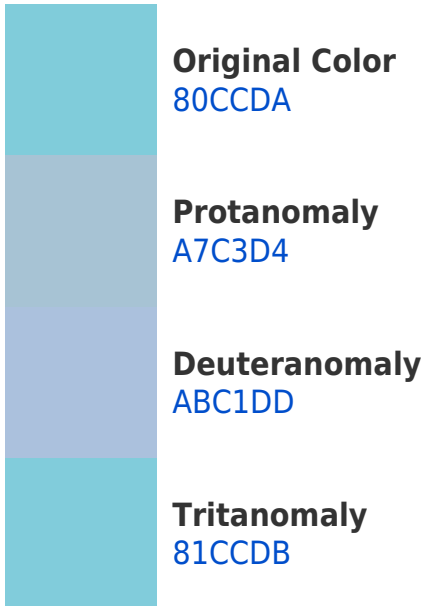
Color Blindness Simulation

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](#).

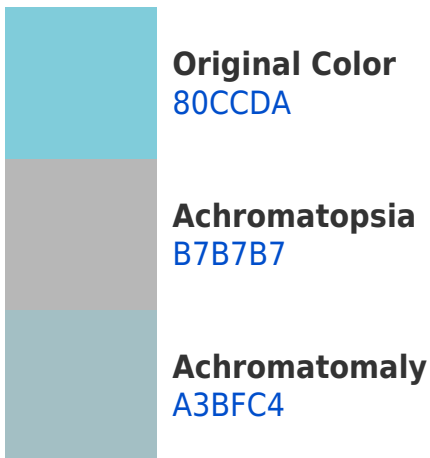
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #80CCDA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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