

Converting Colors

Hex(80CEDD)

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

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Color

Hex(80CEDD)

Conversions

Conversions Part 1

Format	Color
Hex	80CEDD
RGB	128, 206, 221
RGB Percent	50%, 81%, 87%
CMY	0.4980, 0.1922, 0.1333
CMYK	0.42, 0.07, 0.00, 0.13
HSL	190°, 58%, 68%
HSV	190°, 42%, 87%
XYZ	44.0245, 53.9523, 76.5001
YIQ	184.3880, -51.3030, -11.8710

Conversions

Conversions Part 2

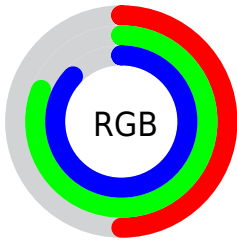
Format	Color
R _Y B	128, 170, 221
Decimal	8441565
CIE Lab	78.43, -20.18, -14.98
CIE LCh	78, 25.135, 216.590
Yxy	53.9523, 0.2523, 0.3092
Android (android.graphics.Color)	4286631645 (0xFF80CEDD)
YUV	184.3880, 18.0497, -49.4523
Hunter-Lab	73.4522, -21.5551, -10.3337

Details

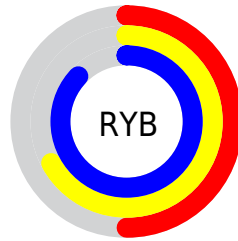
The Hex color **80CEDD** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DD8F80**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **B9FFFF**, and **4798A6** is the 20% darker color. If you saturate the color by 10%, you get **6ACADD**, and if you desaturate by 10%, it is **96D2DD**.

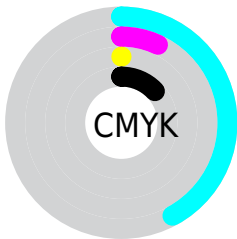
Distribution



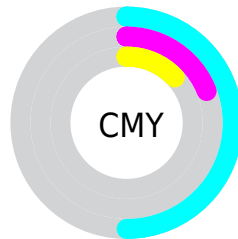
- Red (50%)
- Green (81%)
- Blue (87%)



- Red (50%)
- Yellow (67%)
- Blue (87%)



- Cyan (42%)
- Magenta (7%)
- Yellow (0%)
- Black (13%)



- Cyan (50%)
- Magenta (19%)
- Yellow (13%)

Brightness & Saturation Gradients

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

 80CEDD

 80CEDD

FFFFFF

 64B2C1

 B9FFFF

 4798A6

 D6FFFF

 287E8C


 F3FFFF

 006472

 004C5A

 003542

 00202C

 000118

 000000

 80CEDD

 80CEDD

 6ACADD

 96D2DD

 54C7DD

 ACD5DD

 3EC3DD

 C2D9DD

 28C0DD

 D8DCDD

 11BCDD

 EFE0DD

 00B9DD

 FFE3DD

 FFE7DD

 FFE8DD

 FFEEDD

Harmonies

Analogous

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



85CFC7



80CEDD



90C9EC

Triad

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



80CEDD



E5B4D5



CEC294

Complementary

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



80CEDD



DD8F80

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.



E4BA98



80CEDD



F1B1BE

Square

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



80CEDD



CCBAE8



F0B4A7



B4C99C

Rectangle

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



80CEDD



A3C5F0



F0B4A7



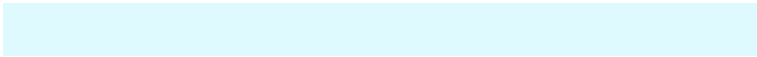
D6C094

Sweetspot

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



80CEDD



DEFAFF



80DD8E



6B7C80



000000



808080

Same Dimension

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



80CEDD



80EAFF



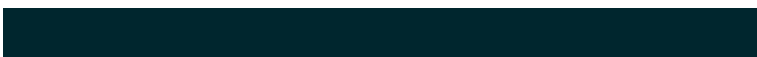
80A1DD



636C6E



0091AD



00262E

Inverse Universe

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



DD80CE



FF80EA



DDBC80



6E636C



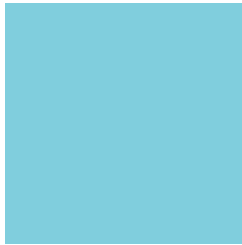
AD0091



2E0026

Previews

White Background



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

Color Contrast Check

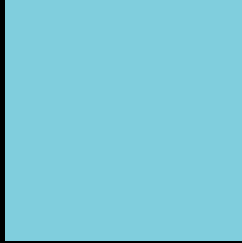
Large Text (above 18pt) WCAG AA × Fail

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 80CEDD 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 80CEDD Background



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

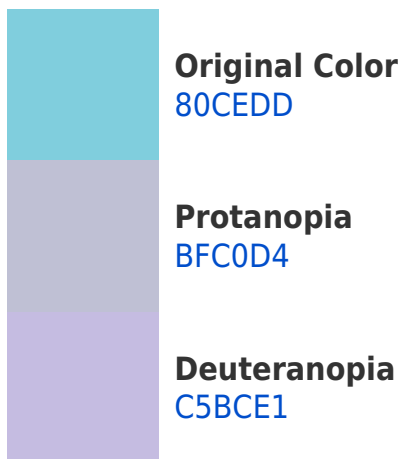


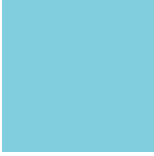
This preview shows how white text looks on a background with the Hex color 80CEDD.

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](#).

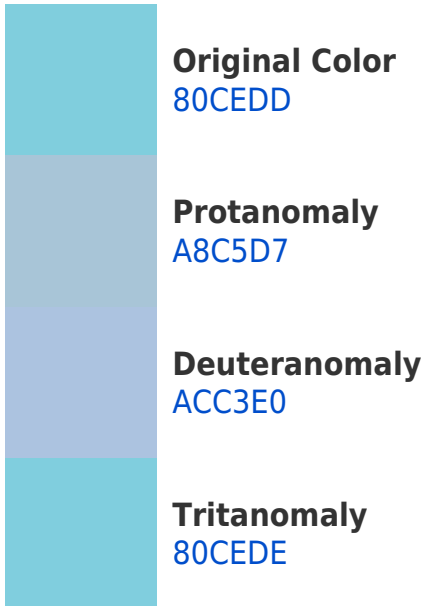
Dichromacy



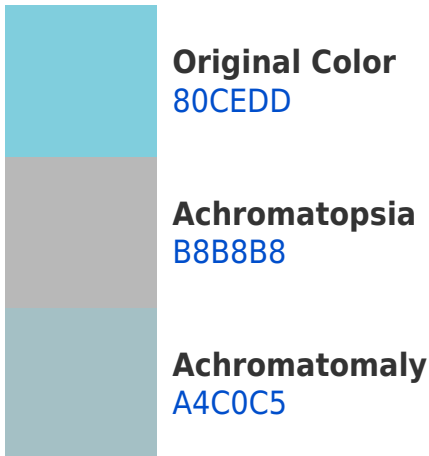


Tritanopia
80CEDE

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #80CEDD colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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