

Converting Colors

Hex(80C5D9)

Have a look what the booklet for
Hex(80C5D9) contains.

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Color

Hex(80C5D9)

Conversions

Conversions Part 1

Format	Color
Hex	80C5D9
RGB	128, 197, 217
RGB Percent	50%, 77%, 85%
CMY	0.4980, 0.2275, 0.1490
CMYK	0.41, 0.09, 0.00, 0.15
HSL	193°, 54%, 68%
HSV	193°, 41%, 85%
XYZ	41.3927, 49.5315, 73.0245
YIQ	178.6490, -47.5440, -8.4080

Conversions

Conversions Part 2

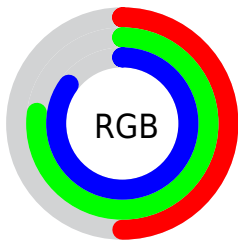
Format	Color
RYB	128, 167, 217
Decimal	8439257
CIELab	75.78, -16.61, -16.82
CIELCh	76, 23.643, 225.359
Yxy	49.5315, 0.2525, 0.3021
Android (android.graphics.Color)	4286629337 (0xFF80C5D9)
YUV	178.6490, 18.9070, -44.4192
Hunter-Lab	70.3786, -18.1789, -12.2541

Details

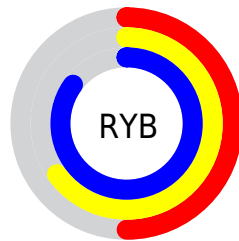
The Hex color **80C5D9** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D99480**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **B8FEFF**, and **488FA2** is the 20% darker color. If you saturate the color by 10%, you get **6AC0D9**, and if you desaturate by 10%, it is **96CAD9**.

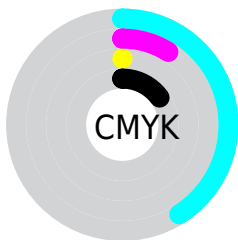
Distribution



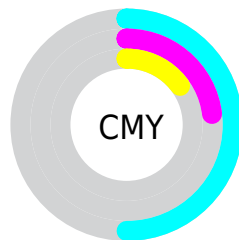
- Red (50%)
- Green (77%)
- Blue (85%)



- Red (50%)
- Yellow (65%)
- Blue (85%)



- Cyan (41%)
- Magenta (9%)
- Yellow (0%)
- Black (15%)



- Cyan (50%)
- Magenta (23%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80C5D9 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 80C5D9 by changing the saturation by 10% instead.

 80C5D9

 80C5D9

FFFFFF

 64AABD

 B8FEFF

 488FA2

 D5FFFF

 2B7588

 F2FFFF

 005D6E

 004556

 002E3F

 001B29

 000114

 000000

80C5D9

80C5D9

6AC0D9

96CAD9

55BBD9

ABCFD9

3FB6D9

C1D4D9

29B1D9

D7D9D9

13ADD9

EDDDD9

00A8D9

FFE2D9

FFE7D9

FFECD9

FFF1D9

Harmonies

Analogous

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



7FC7C5



80C5D9



93C0E4

Triad

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



80C5D9



E0ACC6



C0BD91

Complementary

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



80C5D9



D99480

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.



D5B691



80C5D9



E8ABB0

Square

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



80C5D9



CCB2DA



E4AF9D



A7C39C

Rectangle

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



80C5D9



A6BBE6



E4AF9D



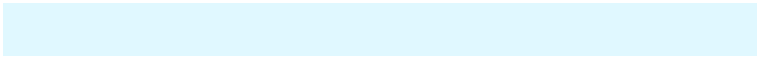
C7BB8F

Sweetspot

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



80C5D9



E0F8FF



80D993



6E7B80



000000



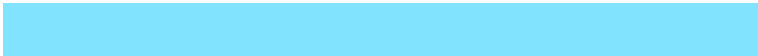
808080

Same Dimension

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



80C5D9



82E3FF



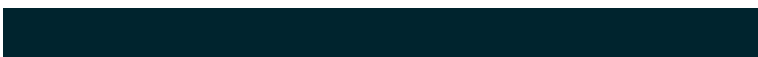
8099D9



636B6E



0086AD



00242E

Inverse Universe

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



D980C5



FF82E3



D9C080



6E636B



AD0086



2E0024

Previews

White Background



This preview shows how the Hex color 80C5D9 looks on a white background.

Color Contrast Check

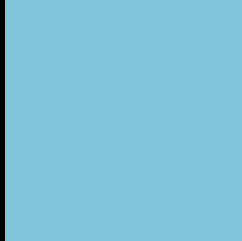
Large Text (above 18pt) WCAG AA × Fail

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 80C5D9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

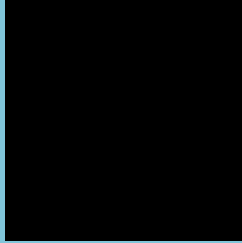
Any Text WCAG AA ✓ Pass

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 80C5D9 Background



This preview shows how black text looks on a background with the Hex color 80C5D9.

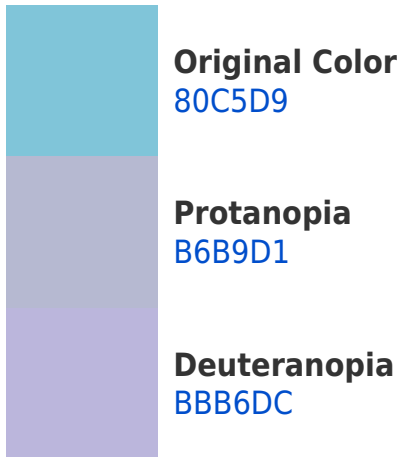


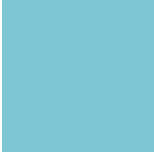
This preview shows how white text looks on a background with the Hex color 80C5D9.

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](#).

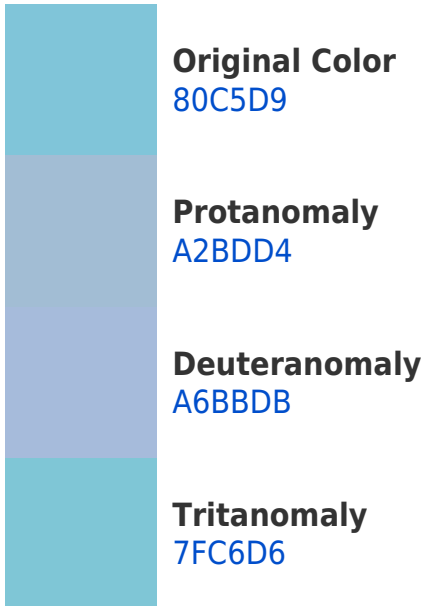
Dichromacy



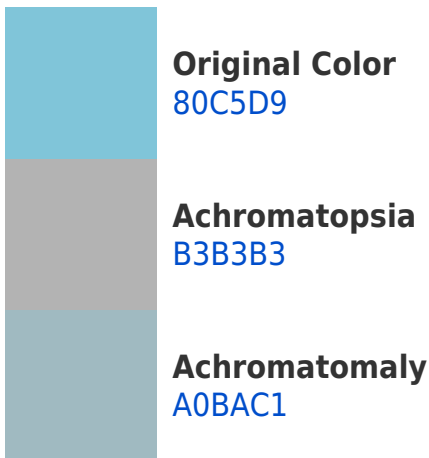


Tritanopia
7FC6D5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80C5D9 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 #80C5D9 looks like.

```
.text, #text, p{  
    color:#80C5D9  
}
```

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 #80C5D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80C5D9
}
```

Border

The CSS property to change the border of an element to Hex 80C5D9 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
#80C5D9 }
```

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

```
.border{ border-color:#80C5D9 }
```

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

Here you see how a box with a 4 pixel #80C5D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80C5D9; -webkit-box-shadow:4px 4px  
4px 4px #80C5D9; box-shadow:4px 4px 4px  
4px #80C5D9 }
```

Background

The CSS property to change the background color of an element to Hex 80C5D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80C5D9 }
```

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

```
.background{ background-color:#80C5D9 }
```

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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