

Converting Colors

Hex(80CBD9)

Have a look what the booklet for
Hex(80CBD9) contains.

Hex(80CBD9)	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(80CBD9)

Conversions

Conversions Part 1

Format	Color
Hex	80CBD9
RGB	128, 203, 217
RGB Percent	50%, 80%, 85%
CMY	0.4980, 0.2039, 0.1490
CMYK	0.41, 0.06, 0.00, 0.15
HSL	189°, 54%, 68%
HSV	189°, 41%, 85%
XYZ	42.7824, 52.3108, 73.4878
YIQ	182.1710, -49.1940, -11.5460

Conversions

Conversions Part 2

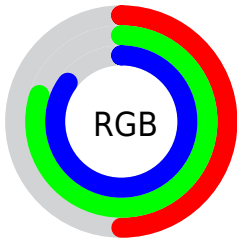
Format	Color
R _Y B	128, 169, 217
Decimal	8440793
CIE Lab	77.47, -19.68, -14.29
CIE LCh	77, 24.321, 215.971
Yxy	52.3108, 0.2538, 0.3103
Android (android.graphics.Color)	4286630873 (0xFF80CBD9)
YUV	182.1710, 17.1707, -47.5080
Hunter-Lab	72.3262, -20.9846, -9.6138

Details

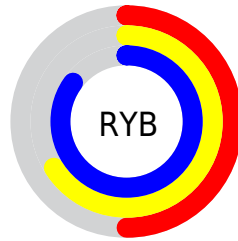
The Hex color **80CBD9** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D98E80**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **B8FFFF**, and **4895A2** is the 20% darker color. If you saturate the color by 10%, you get **6AC8D9**, and if you desaturate by 10%, it is **96CED9**.

Distribution



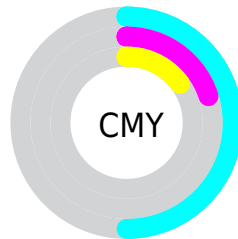
- Red (50%)
- Green (80%)
- Blue (85%)



- 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 80CBD9 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 80CBD9 by changing the saturation by 10% instead.

 80CBD9

 80CBD9

FFFFFF

 64AFBD


 B8FFFF

 4895A2

 D5FFFF

 2A7B88

 F3FFFF

 00626F

 004A56

 00333F

 001F29

 000115

 000000

 80CBD9

 80CBD9

 6AC8D9

 96CED9

 55C4D9

 ABD2D9

 3FC1D9

 C1D5D9

 29BDD9

 D7D9D9

 13BAD9

 EDDCD9

 00B7D9

 FDFD9

 FFE3D9

 FFE6D9

 FFEAD9

Harmonies

Analogous

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



85CCC3



80CBD9



8FC7E8

Triad

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



80CBD9



E0B2D2



CCBF93

Complementary

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



80CBD9



D98E80

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.



E0B897



80CBD9



EDAFBC

Square

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



80CBD9



C9B8E4



ECB2A6



B3C69A

Rectangle

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



80CBD9



A1C2EC



ECB2A6



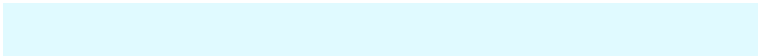
D3BD93

Sweetspot

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



80CBD9



E0FAFF



80D98D



6E7D80



000000



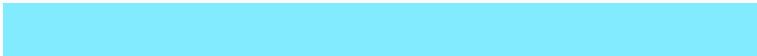
808080

Same Dimension

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



80CBD9



82EBFF



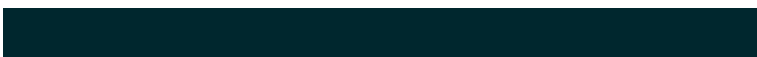
809FD9



636C6E



0092AD



00272E

Inverse Universe

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



D980CB



FF82EB



D9BA80



6E636C



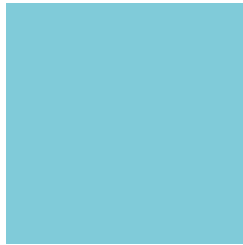
AD0092



2E0027

Previews

White Background



This preview shows how the Hex color 80CBD9 looks on a white background.

Color Contrast Check

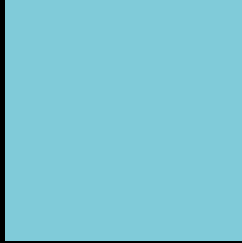
Large Text (above 18pt) WCAG AA × Fail

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 80CBD9 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 80CBD9 Background



This preview shows how black text looks on a background with the Hex color 80CBD9.

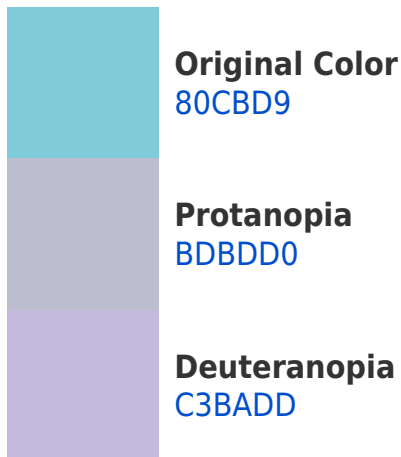


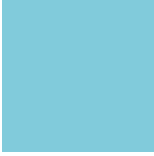
This preview shows how white text looks on a background with the Hex color 80CBD9.

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](#).

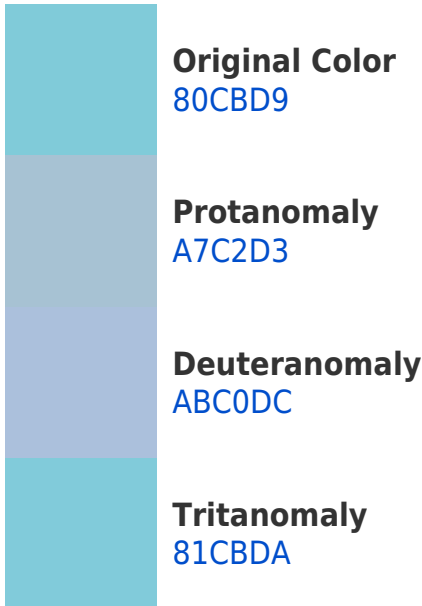
Dichromacy



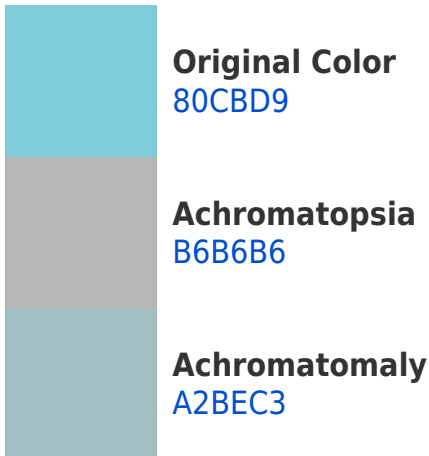


Tritanopia
81CBDB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80CBD9 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 #80CBD9 looks like.

```
.text, #text, p{  
    color:#80CBD9  
}
```

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 #80CBD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80CBD9
}
```

Border

The CSS property to change the border of an element to Hex 80CBD9 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
#80CBD9 }
```

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

```
.border{ border-color:#80CBD9 }
```

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

Here you see how a box with a 4 pixel #80CBD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80CBD9; -webkit-box-shadow:4px 4px  
4px 4px #80CBD9; box-shadow:4px 4px 4px  
4px #80CBD9 }
```

Background

The CSS property to change the background color of an element to Hex 80CBD9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80CBD9 }
```

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

```
.background{ background-color:#80CBD9 }
```

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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