

# Converting Colors

Hex(80C8D9)

Have a look what the booklet for  
Hex(80C8D9) contains.

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# **Color**

**Hex(80C8D9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	80C8D9
RGB	128, 200, 217
RGB Percent	50%, 78%, 85%
CMY	0.4980, 0.2157, 0.1490
CMYK	0.41, 0.08, 0.00, 0.15
HSL	191°, 54%, 68%
HSV	191°, 41%, 85%
XYZ	42.0807, 50.9075, 73.2539
YIQ	180.4100, -48.3690, -9.9770

# Conversions

## Conversions Part 2

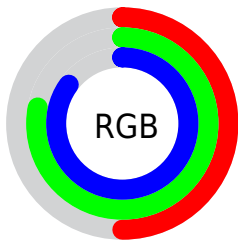
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">128, 168, 217</a>
Decimal	<a href="#">8440025</a>
CIELab	<a href="#">76.62, -18.15, -15.55</a>
CIELCh	<a href="#">77, 23.906, 220.587</a>
Yxy	<a href="#">50.9075, 0.2531, 0.3062</a>
Android (android.graphics.Color)	<a href="#">4286630105 (0xFF80C8D9)</a>
YUV	<a href="#">180.4100, 18.0389, -45.9636</a>
Hunter-Lab	<a href="#">71.3495, -19.5853, -10.9279</a>

# Details

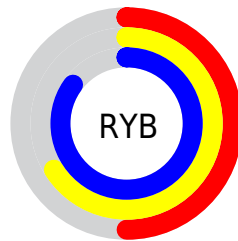
The Hex color **80C8D9** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D99180**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **B8FFFF**, and **4892A2** is the 20% darker color. If you saturate the color by 10%, you get **6AC4D9**, and if you desaturate by 10%, it is **96CCD9**.

# Distribution



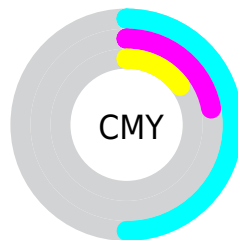
- Red (50%)
- Green (78%)
- Blue (85%)



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



- Cyan (41%)
- Magenta (8%)
- Yellow (0%)
- Black (15%)



- Cyan (50%)
- Magenta (22%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 80C8D9 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 80C8D9 by changing the saturation by 10% instead.



 80C8D9

 80C8D9

FFFFFF

 64ADB D

 B8FFFF

 4892A2

 D5FFFF

 2A7888

 F3FFFF

 005F6F

 004756

 00313F

 001D29

 000114

 000000

 80C8D9

 80C8D9

 6AC4D9

 96CCD9

 55C0D9

 ABD0D9

 3FBCD9

 C1D4D9

 29B7D9

 D7D9D9

 13B3D9

 EDDDD9

 00B0D9

 FFE1D9

 FFE5D9

 FFE9D9

 FFEDD9

# Harmonies

## Analogous

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



82CAC4



80C8D9



91C3E6

# Triad

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



80C8D9



E0AFCC



C6BE92

# Complementary

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



80C8D9



D99180

# 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.



DBB794



80C8D9



EAADB6

# Square

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



80C8D9



CBB5DF



E8B0A1



ADC49B

# Rectangle

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



80C8D9



A3BFE9



E8B0A1



CDBC91



# Sweetspot

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



80C8D9



E0F9FF



80D990



6E7C80



000000



808080

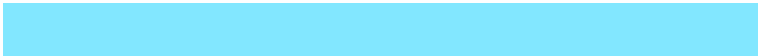


# Same Dimension

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



80C8D9



82E7FF



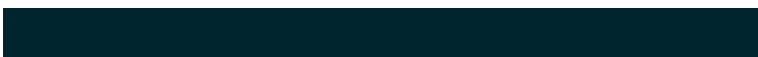
809CD9



636C6E



008CAD



00252E



# Inverse Universe

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



D980C8



FF82E7



D9BD80



6E636C



AD008C

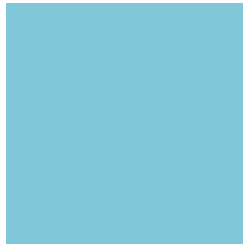


2E0025



# Previews

## White Background



This preview shows how the Hex color 80C8D9 looks on a white background.

## Color Contrast Check

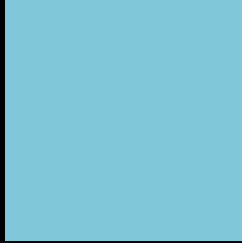
Large Text (above 18pt) WCAG AA × Fail

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 80C8D9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

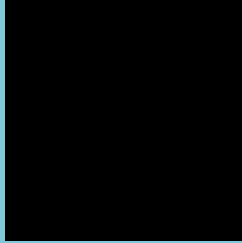
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 80C8D9 Background



This preview shows how black text looks on a background with the Hex color 80C8D9.

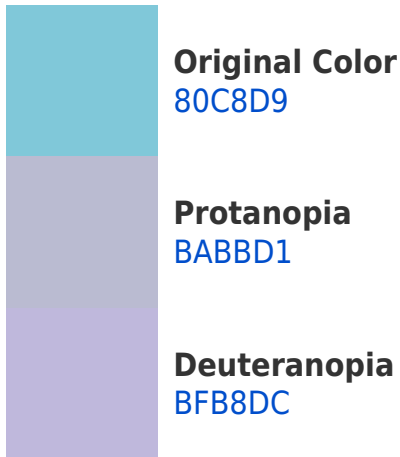


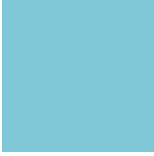
This preview shows how white text looks on a background with the Hex color 80C8D9.

# 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](#).

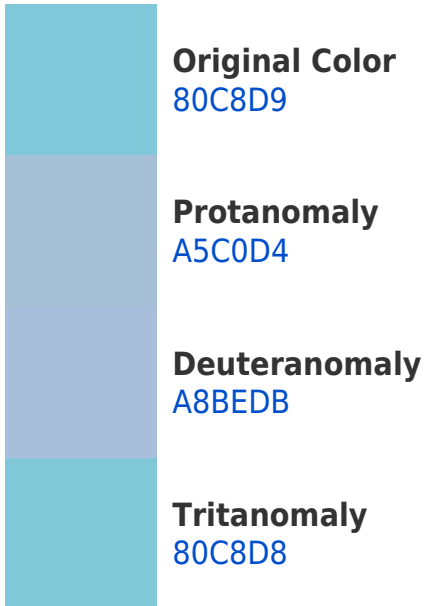
## Dichromacy





**Tritanopia**  
80C8D8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 80C8D9 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 #80C8D9 looks like.

```
.text, #text, p{  
    color:#80C8D9  
}
```

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 #80C8D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80C8D9
}
```

## Border

The CSS property to change the border of an element to Hex 80C8D9 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
#80C8D9 }
```

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

```
.border{ border-color:#80C8D9 }
```

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

Here you see how a box with a 4 pixel #80C8D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80C8D9; -webkit-box-shadow:4px 4px  
4px 4px #80C8D9; box-shadow:4px 4px 4px  
4px #80C8D9 }
```

# Background

The CSS property to change the background color of an element to Hex 80C8D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80C8D9 }
```

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

```
.background{ background-color:#80C8D9 }
```

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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