

Converting Colors

Hex(80C8DF)

Have a look what the booklet for
Hex(80C8DF) contains.

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Color

Hex(80C8DF)

Conversions

Conversions Part 1

Format	Color
Hex	80C8DF
RGB	128, 200, 223
RGB Percent	50%, 78%, 87%
CMY	0.4980, 0.2157, 0.1255
CMYK	0.43, 0.10, 0.00, 0.13
HSL	195°, 60%, 69%
HSV	195°, 43%, 87%
XYZ	42.8756, 51.2255, 77.4398
YIQ	181.0940, -50.2950, -8.1110

Conversions

Conversions Part 2

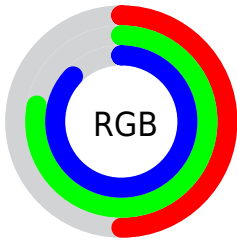
Format	Color
R _{YB}	128, 169, 223
Decimal	8440031
CIE Lab	76.82, -16.60, -18.50
CIE LCh	77, 24.854, 228.096
Yxy	51.2255, 0.2499, 0.2986
Android (android.graphics.Color)	4286630111 (0xFF80C8DF)
YUV	181.0940, 20.6597, -46.5634
Hunter-Lab	71.5720, -18.3194, -14.0505

Details

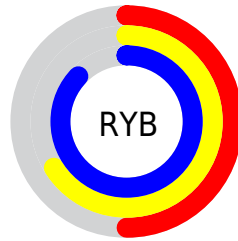
The Hex color **80C8DF** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **DF9780**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **B9FFFF**, and **4892A8** is the 20% darker color. If you saturate the color by 10%, you get **6AC3DF**, and if you desaturate by 10%, it is **96CDDF**.

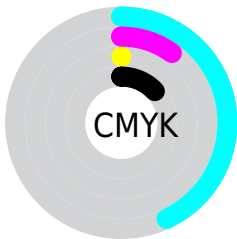
Distribution



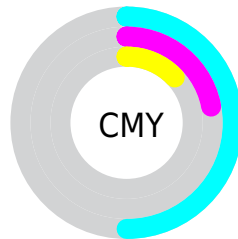
- Red (50%)
- Green (78%)
- Blue (87%)



- Red (50%)
- Yellow (66%)
- Blue (87%)



- Cyan (43%)
- Magenta (10%)
- Yellow (0%)
- Black (13%)



- Cyan (50%)
- Magenta (22%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80C8DF 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 80C8DF by changing the saturation by 10% instead.

 80C8DF

 80C8DF

FFFFFF

 64ADC3

 B9FFFF

 4892A8

 D6FFFF

 29788D

 F3FFFF

 005F74

 00475B

 003144

 001D2D

 000119

 000000

80C8DF

80C8DF

6AC3DF

96CDDF

53BDDF

ADD3DF

3DB8DF

C3D8DF

27B2DF

D9DEDf

10ADDf

F0E3DF

00A9DF

FFE8DF

FFEEDF

FFF3DF

FFF9DF

Harmonies

Analogous

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



7DCBCB



80C8DF



96C2EA

Triad

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



80C8DF



E6AEC8



C0C192

Complementary

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



80C8DF



DF9780

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.



D7B991



80C8DF



EDADB0

Square

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



80C8DF



D2B3DC



E7B29C



A6C79E

Rectangle

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



80C8DF



ABBEEB



E7B29C



C8BE90

Sweetspot

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



80C8DF



DEF7FF



80DF96



6B7B80



000000



808080

Same Dimension

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



80C8DF



7DE0FF



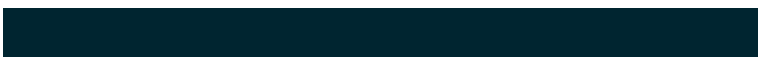
8099DF



656D70



0085B0



002530

Inverse Universe

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



DF80C8



FF7DE0



DFC680



70656D



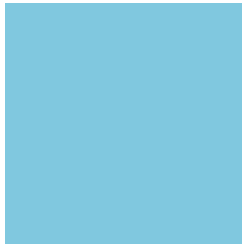
B00085



300025

Previews

White Background



This preview shows how the Hex color 80C8DF looks on a white background.

Color Contrast Check

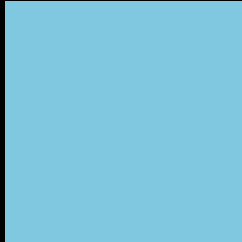
Large Text (above 18pt) WCAG AA × Fail

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 80C8DF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

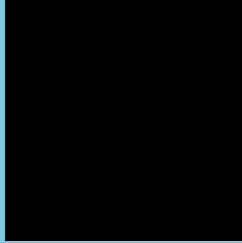
Any Text WCAG AA ✓ Pass

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 80C8DF Background



This preview shows how black text looks on a background with the Hex color 80C8DF.

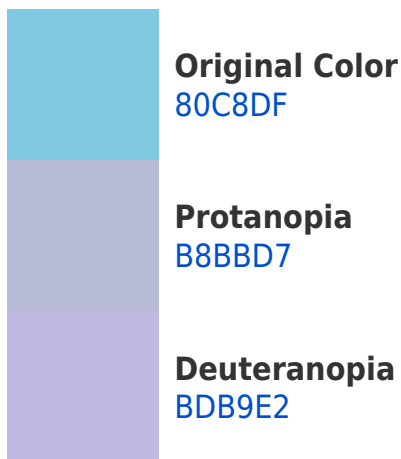


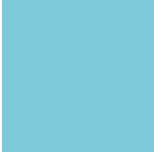
This preview shows how white text looks on a background with the Hex color 80C8DF.

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](#).

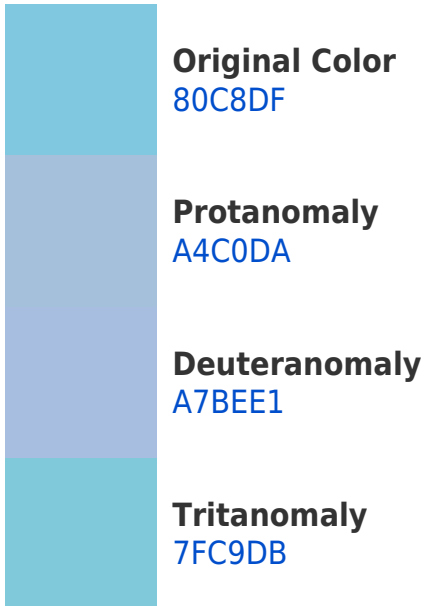
Dichromacy



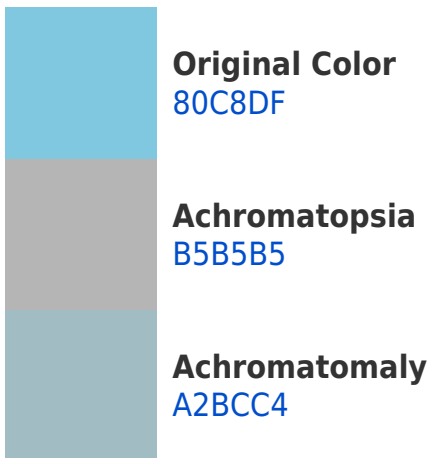


Tritanopia
7EC9D9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80C8DF 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 #80C8DF looks like.

```
.text, #text, p{  
    color:#80C8DF  
}
```

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 #80C8DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80C8DF
}
```

Border

The CSS property to change the border of an element to Hex 80C8DF 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
#80C8DF }
```

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

```
.border{ border-color:#80C8DF }
```

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

Here you see how a box with a 4 pixel #80C8DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80C8DF; -webkit-box-shadow:4px 4px  
4px 4px #80C8DF; box-shadow:4px 4px 4px  
4px #80C8DF }
```

Background

The CSS property to change the background color of an element to Hex 80C8DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80C8DF }
```

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

```
.background{ background-color:#80C8DF }
```

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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