

Converting Colors

Hex(80CFD4)

Have a look what the booklet for
Hex(80CFD4) contains.

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Color

Hex(80CFD4)

Conversions

Conversions Part 1

Format	Color
Hex	80CFD4
RGB	128, 207, 212
RGB Percent	50%, 81%, 83%
CMY	0.4980, 0.1882, 0.1686
CMYK	0.40, 0.02, 0.00, 0.17
HSL	184°, 49%, 67%
HSV	184°, 40%, 83%
XYZ	43.0986, 53.9683, 70.4327
YIQ	183.9490, -48.6890, -15.1930

Conversions

Conversions Part 2

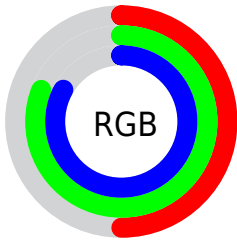
Format	Color
RYB	128, 169, 212
Decimal	8441812
CIELab	78.44, -22.95, -10.14
CIElCh	78, 25.091, 203.826
Yxy	53.9683, 0.2573, 0.3222
Android (android.graphics.Color)	4286631892 (0xFF80CFD4)
YUV	183.9490, 13.8291, -49.0673
Hunter-Lab	73.4631, -23.8400, -5.4201

Details

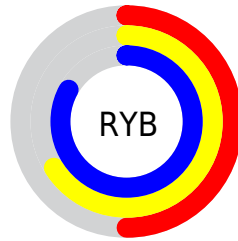
The Hex color **80CFD4** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D48580**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **B8FFFF**, and **48989D** is the 20% darker color. If you saturate the color by 10%, you get **6BCED4**, and if you desaturate by 10%, it is **95D0D4**.

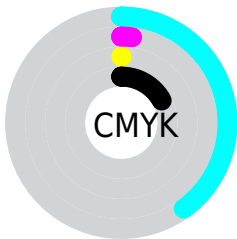
Distribution



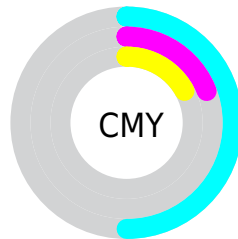
- Red (50%)
- Green (81%)
- Blue (83%)



- Red (50%)
- Yellow (66%)
- Blue (83%)



- Cyan (40%)
- Magenta (2%)
- Yellow (0%)
- Black (17%)



- Cyan (50%)
- Magenta (19%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80CFD4 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 80CFD4 by changing the saturation by 10% instead.

 80CFD4

 80CFD4

FFFFFF

 64B3B8

 B8FFFF

 48989D

 D5FFFF

 2A7E83

 F3FFFF

 00656A

 004D52

 00363B

 002125

 000111

 000000

 80CFD4

 80CFD4

 6BCED4

 95D0D4

 56CCD4

 AAD2D4

 40CBD4

 C0D3D4

 2BCAD4

 D5D4D4

 16C9D4

 EAD5D4

 01C7D4

 FFD7D4

 00C7D4

 FFD8D4

 FFD9D4

 FFDAD4

Harmonies

Analogous

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



8DCFBC



80CFD4



87CCE7

Triad

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



80CFD4



DCB6DE



D8BF94

Complementary

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



80CFD4



D48580

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.



EAB79D



80CFD4



EDB2C8

Square

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



80CFD4



C0BEED



F2B2B0



C0C697

Rectangle

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



80CFD4



96C8EE



F2B2B0



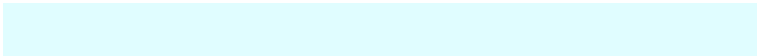
DFBC96

Sweetspot

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



80CFD4



E0DFF



80D484



6E7E80



000000



808080

Same Dimension

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



80CFD4



85F8FF



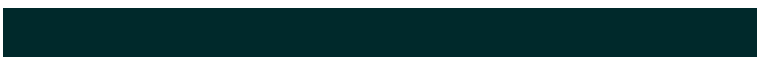
80A6D4



606A6B



00A1AB



00292B

Inverse Universe

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



D480CF



FF85F8



D4AE80



6B606A



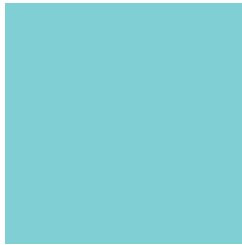
AB00A1



2B0029

Previews

White Background



This preview shows how the Hex color 80CFD4 looks on a white background.

Color Contrast Check

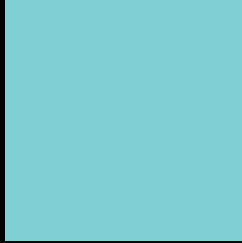
Large Text (above 18pt) WCAG AA × Fail

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 80CFD4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

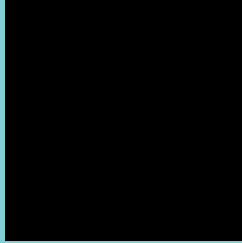
Any Text WCAG AA ✓ Pass

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 80CFD4 Background



This preview shows how black text looks on a background with the Hex color 80CFD4.

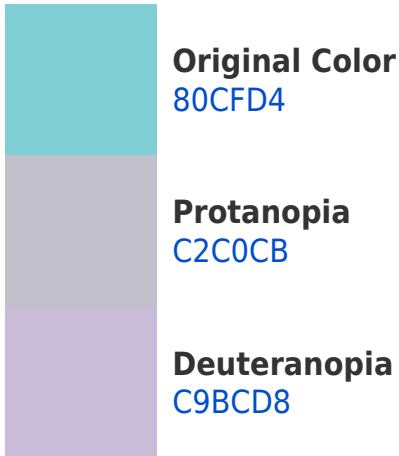


This preview shows how white text looks on a background with the Hex color 80CFD4.

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](#).

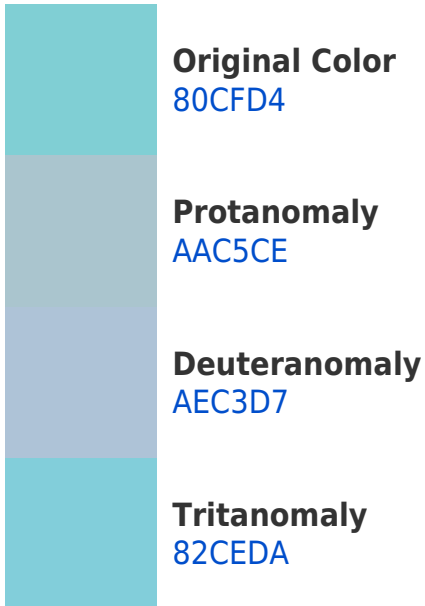
Dichromacy





Tritanopia
83CDDE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80CFD4 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 #80CFD4 looks like.

```
.text, #text, p{  
    color:#80CFD4  
}
```

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 #80CFD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80CFD4  
}
```

Border

The CSS property to change the border of an element to Hex 80CFD4 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  
#80CFD4 }
```

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

```
.border{ border-color:#80CFD4 }
```

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

Here you see how a box with a 4 pixel #80CFD4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80CFD4; -webkit-box-shadow:4px 4px  
4px 4px #80CFD4; box-shadow:4px 4px 4px  
4px #80CFD4 }
```

Background

The CSS property to change the background color of an element to Hex 80CFD4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80CFD4 }
```

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

```
.background{ background-color:#80CFD4 }
```

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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