

# Converting Colors

Hex(80C6D4)

Have a look what the booklet for  
Hex(80C6D4) contains.

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# Color

**Hex(80C6D4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	80C6D4
RGB	128, 198, 212
RGB Percent	50%, 78%, 83%
CMY	0.4980, 0.2235, 0.1686
CMYK	0.40, 0.07, 0.00, 0.17
HSL	190°, 49%, 67%
HSV	190°, 40%, 83%
XYZ	40.9798, 49.7308, 69.7265
YIQ	178.6660, -46.2140, -10.4860

# Conversions

## Conversions Part 2

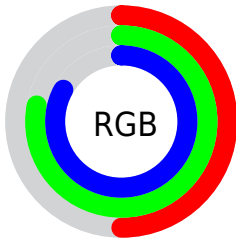
Format	Color
R <sub>YB</sub>	128, 166, 212
Decimal	8439508
CIE <sub>Lab</sub>	75.90, -18.41, -13.93
CIE <sub>LCh</sub>	76, 23.087, 217.125
Yxy	49.7308, 0.2554, 0.3100
Android (android.graphics.Color)	4286629588 (0xFF80C6D4)
YUV	178.6660, 16.4337, -44.4341
Hunter-Lab	70.5201, -19.6823, -9.2587

# Details

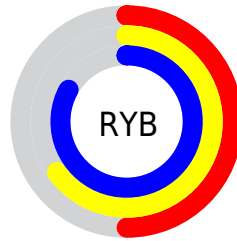
The Hex color **80C6D4** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D48E80**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **B8FFFF**, and **49909D** is the 20% darker color. If you saturate the color by 10%, you get **6BC2D4**, and if you desaturate by 10%, it is **95CAD4**.

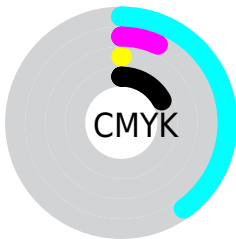
# Distribution



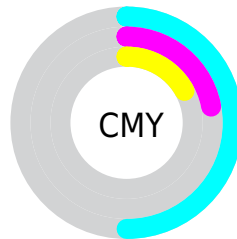
- Red (50%)
- Green (78%)
- Blue (83%)



- Red (50%)
- Yellow (65%)
- Blue (83%)



- Cyan (40%)
- Magenta (7%)
- Yellow (0%)
- Black (17%)



- Cyan (50%)
- Magenta (22%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 80C6D4 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 80C6D4 by changing the saturation by 10% instead.



 80C6D4

 80C6D4

FFFFFF

 64ABB8

 B8FFFF

 49909D

 D5FFFF

 2C7683

 F2FFFF

 025D6A

 004652

 002F3B

 001C25

 000110

 000000

80C6D4

80C6D4

6BC2D4

95CAD4

56BFD4

AACDD4

40BBD4

C0D1D4

2BB8D4

D5D4D4

16B4D4

EAD8D4

01B1D4

FFDBD4

00B1D4

FFDFD4

FFE2D4

FFE6D4

# Harmonies

## Analogous

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



84C7C0



80C6D4



8EC2E2

# Triad

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



80C6D4



DBAECC



C6BB91

# Complementary

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



80C6D4



D48E80

# 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.



DAB494



80C6D4



E6ACB7

# Square

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



80C6D4



C5B4DD



E5AEA2



AEC299

# Rectangle

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



80C6D4



9FBEE5



E5AEA2



CDB991

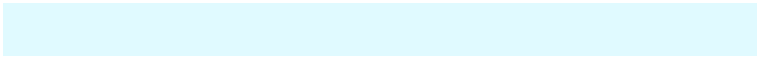


# Sweetspot

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



80C6D4



E0FAFF



80D48E



6E7D80



000000



808080

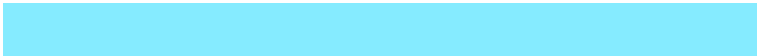


# Same Dimension

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



80C6D4



85EBFF



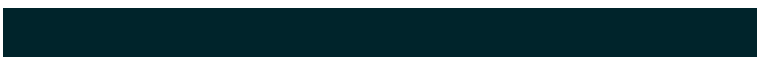
809CD4



60696B



008EAB



00242B



# Inverse Universe

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



D480C6



FF85EB



D4B880



6B6069



AB008E

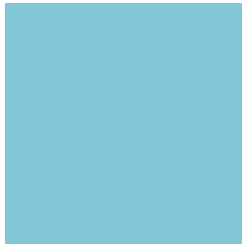


2B0024



# Previews

## White Background



This preview shows how the Hex color 80C6D4 looks on a white background.

## Color Contrast Check

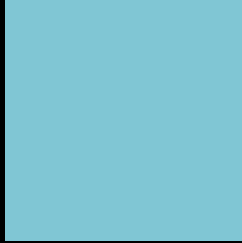
Large Text (above 18pt) WCAG AA × Fail

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 80C6D4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

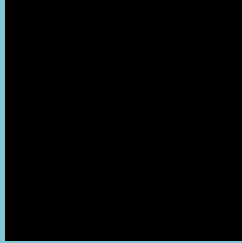
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 80C6D4 Background



This preview shows how black text looks on a background with the Hex color 80C6D4.

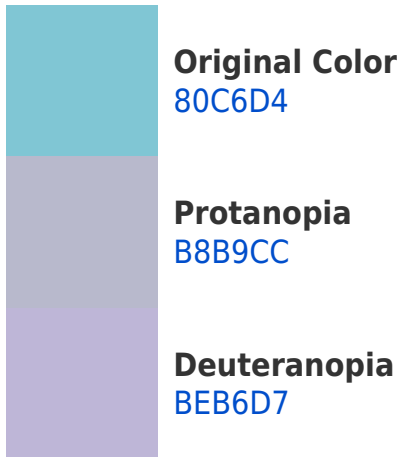


This preview shows how white text looks on a background with the Hex color 80C6D4.

# 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](#).

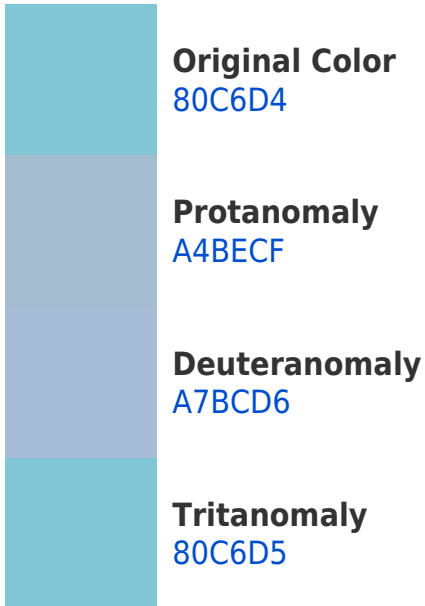
## Dichromacy



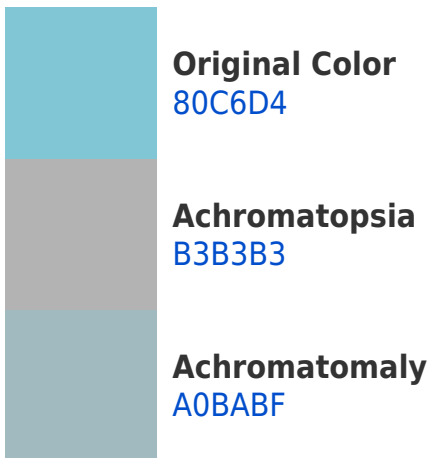


**Tritanopia**  
80C6D6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 80C6D4 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 #80C6D4 looks like.

```
.text, #text, p{  
    color:#80C6D4  
}
```

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 #80C6D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80C6D4
}
```

## Border

The CSS property to change the border of an element to Hex 80C6D4 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
#80C6D4 }
```

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

```
.border{ border-color:#80C6D4 }
```

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

Here you see how a box with a 4 pixel #80C6D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80C6D4; -webkit-box-shadow:4px 4px  
4px 4px #80C6D4; box-shadow:4px 4px 4px  
4px #80C6D4 }
```

# Background

The CSS property to change the background color of an element to Hex 80C6D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80C6D4 }
```

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

```
.background{ background-color:#80C6D4 }
```

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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