

# Converting Colors

Hex(80D0D0)

Have a look what the booklet for  
Hex(80D0D0) contains.

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**Color**

**Hex(80D0D0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	80D0D0
RGB	128, 208, 208
RGB Percent	50%, 82%, 82%
CMY	0.4980, 0.1843, 0.1843
CMYK	0.38, 0.00, 0.00, 0.18
HSL	180°, 46%, 66%
HSV	180°, 38%, 82%
XYZ	42.8431, 54.2550, 67.8887
YIQ	184.0800, -47.6800, -16.9600

# Conversions

## Conversions Part 2

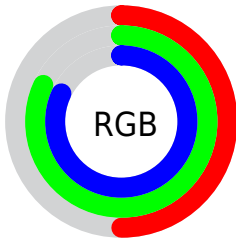
Format	Color
R <sub>YB</sub>	128, 168, 208
Decimal	8442064
CIE Lab	78.61, -24.43, -7.74
CIE LCh	79, 25.630, 197.577
Yxy	54.2550, 0.2597, 0.3288
Android (android.graphics.Color)	4286632144 (0xFF80D0D0)
YUV	184.0800, 11.7926, -49.1822
Hunter-Lab	73.6580, -25.0771, -3.0855

# Details

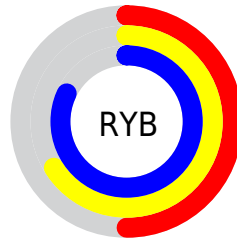
The Hex color **80D0D0** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D08080**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **B8FFFF**, and **48999A** is the 20% darker color. If you saturate the color by 10%, you get **6BD0D0**, and if you desaturate by 10%, it is **95D0D0**.

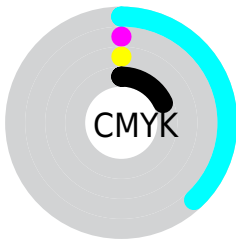
# Distribution



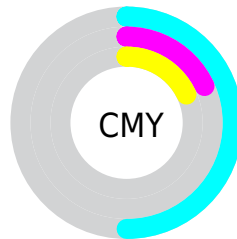
- Red (50%)
- Green (82%)
- Blue (82%)



- Red (50%)
- Yellow (66%)
- Blue (82%)



- Cyan (38%)
- Magenta (0%)
- Yellow (0%)
- Black (18%)



- Cyan (50%)
- Magenta (18%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 80D0D0 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 80D0D0 by changing the saturation by 10% instead.



 80D0D0

 80D0D0

FFFFFF

 64B4B4

 B8FFFF

 48999A

 D5FFFF

 2B7F80

 F3FFFF

 006667

 004E4F

 003638

 002222

 00010D

 000000

 80D0D0

 80D0D0

 6BD0D0

 95D0D0

 56D0D0

 AAD0D0

 42D0D0

 BED0D0

 2DD0D0

 D3D0D0

 18D0D0

 E8D0D0

 03D0D0

 FDD0D0

 00D0D0

 FFD0D0

# Harmonies

## Analogous

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



91CFB7



80D0D0



82CDE5

# Triad

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



80D0D0



D7B8E3



DEBE94

# Complementary

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



80D0D0



D08080

# 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.



EEB6A0



80D0D0



ECB2CD

# Square

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



80D0D0



B9C0F0



F4B2B5



C6C595

# Rectangle

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



80D0D0



90CAEE



F4B2B5



E4BB97



# Sweetspot

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



80D0D0



E0FFFF



80D080



6E8080



000000



808080



# Same Dimension

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



80D0D0



8AFFFF



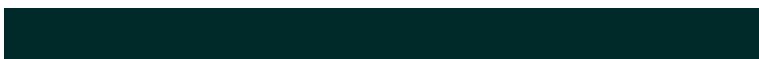
80A8D0



5E6969



00A8A8



002929



# Inverse Universe

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



D080D0



FF8AFF



D0A880



695E69



A800A8

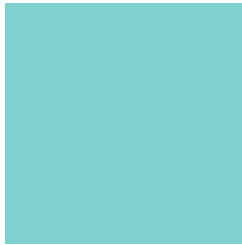


290029



# Previews

## White Background



This preview shows how the Hex color 80D0D0 looks on a white background.

## Color Contrast Check

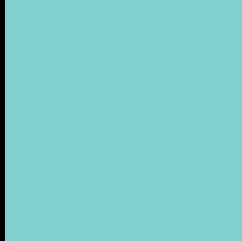
Large Text (above 18pt) WCAG AA × Fail

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 80D0D0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

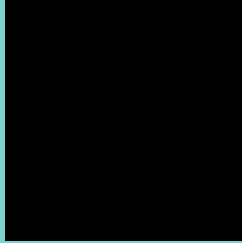
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

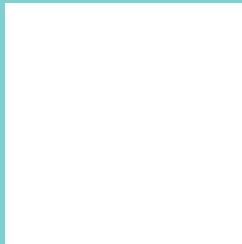
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 80D0D0 Background



This preview shows how black text looks on a background with the Hex color 80D0D0.

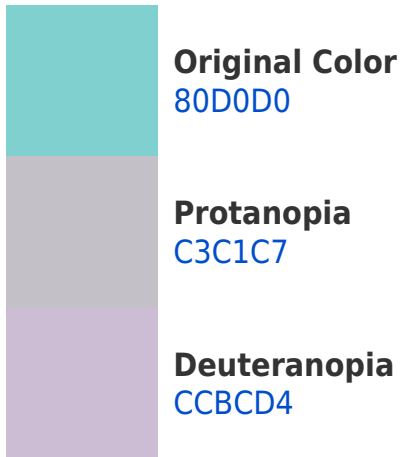


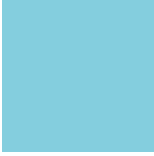
This preview shows how white text looks on a background with the Hex color 80D0D0.

# 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](#).

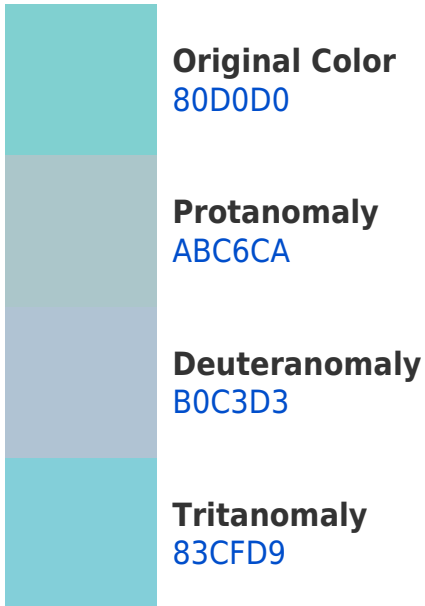
## Dichromacy



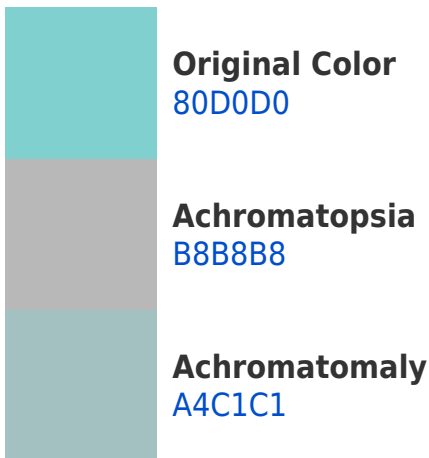


**Tritanopia**  
84CEDE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 80D0D0 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 #80D0D0 looks like.

```
.text, #text, p{  
    color:#80D0D0  
}
```

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 #80D0D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80D0D0
}
```

## Border

The CSS property to change the border of an element to Hex 80D0D0 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
#80D0D0 }
```

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

```
.border{ border-color:#80D0D0 }
```

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

Here you see how a box with a 4 pixel #80D0D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80D0D0; -webkit-box-shadow:4px 4px  
4px 4px #80D0D0; box-shadow:4px 4px 4px  
4px #80D0D0 }
```

# Background

The CSS property to change the background color of an element to Hex 80D0D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80D0D0 }
```

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

```
.background{ background-color:#80D0D0 }
```

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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