

Converting Colors

Hex(80DBD6)

Have a look what the booklet for
Hex(80DBD6) contains.

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Color

Hex(80DBD6)

Conversions

Conversions Part 1

Format	Color
Hex	80DBD6
RGB	128, 219, 214
RGB Percent	50%, 86%, 84%
CMY	0.4980, 0.1412, 0.1608
CMYK	0.42, 0.00, 0.02, 0.14
HSL	177°, 56%, 68%
HSV	177°, 42%, 86%
XYZ	46.3712, 60.1073, 72.7762
YIQ	191.2210, -52.6310, -20.8470

Conversions

Conversions Part 2

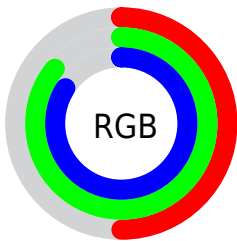
Format	Color
RYB	128, 175, 219
Decimal	8444886
CIELab	81.90, -28.35, -6.08
CIELCh	82, 28.995, 192.103
Yxy	60.1073, 0.2587, 0.3353
Android (android.graphics.Color)	4286634966 (0xFF80DBD6)
YUV	191.2210, 11.2300, -55.4448
Hunter-Lab	77.5289, -28.9120, -1.3852

Details

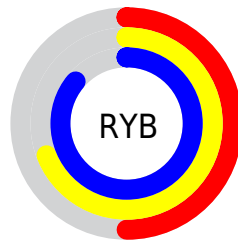
The Hex color **80DBD6** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **DB8085**, and the grayscale version is **BFBFBF**.

A 20% lighter version of the original color is **B9FFFF**, and **47A49F** is the 20% darker color. If you saturate the color by 10%, you get **6ADBD5**, and if you desaturate by 10%, it is **96DBD7**.

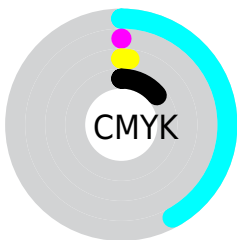
Distribution



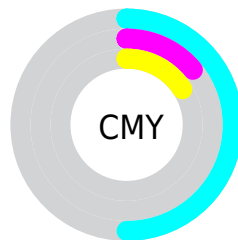
- Red (50%)
- Green (86%)
- Blue (84%)



- Red (50%)
- Yellow (69%)
- Blue (86%)



- Cyan (42%)
- Magenta (0%)
- Yellow (2%)
- Black (14%)



- Cyan (50%)
- Magenta (14%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80DBD6 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 80DBD6 by changing the saturation by 10% instead.

 80DBD6

 80DBD6

FFFFFF

 64BFBA

 B9FFFF

 47A49F

 D6FFFF

 278985

 F4FFFF

 006F6C

 005754

 003F3D

 002827

 000E13

 000000

 80DBD6

 80DBD6

 6ADBD5

 96DBD7

 54DBD4

 ACDBD8

 3EDBD2

 C2DBDA

 28DBD1

 D8DBDB

 12DBD0

 EDDBDC

 00DBCf

 FFDBDD

 FFDBDE

 FFDBE0

 FFDBE1

Harmonies

Analogous

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



97DABA



80DBD6



7DD9EF

Triad

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



80DBD6



DEC1F4



EEC498

Complementary

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



80DBD6



DB8085

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.



FFBCA8



80DBD6



F7BADD

Square

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



80DBD6



BACAFF



FFB8C1



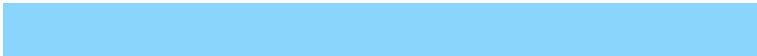
D4CD96

Rectangle

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



80DBD6



8AD5FB



FFB8C1



F5C19C

Sweetspot

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



80DBD6



E0FFFD



86DB80



6E807F



000000



808080

Same Dimension

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



80DBD6



80FFF8



80B4DB



636E6D



00ADA4



002E2B

Inverse Universe

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



DB8085



FF8087



DBA780



6E6363



AD000A



2E0003

Previews

White Background



This preview shows how the Hex color 80DBD6 looks on a white background.

Color Contrast Check

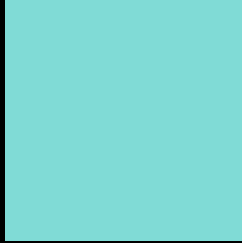
Large Text (above 18pt) WCAG AA × Fail

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 80DBD6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

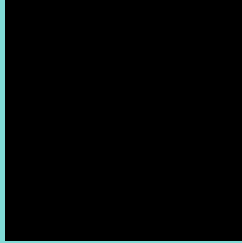
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

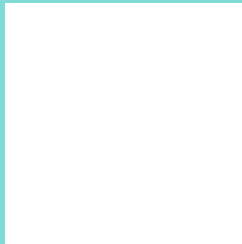
Any Text WCAG AAA ✓ Pass

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

Hex 80DBD6 Background



This preview shows how black text looks on a background with the Hex color 80DBD6.

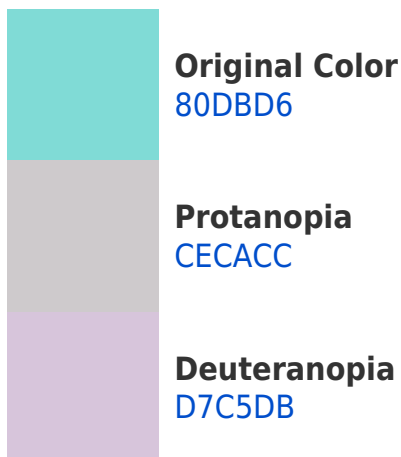


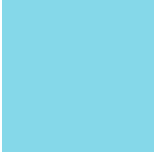
This preview shows how white text looks on a background with the Hex color 80DBD6.

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](#).

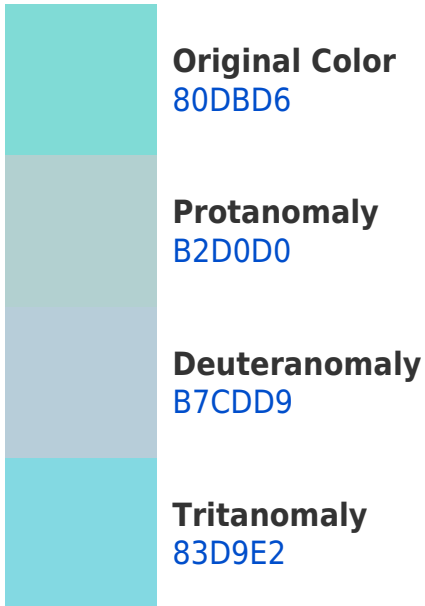
Dichromacy



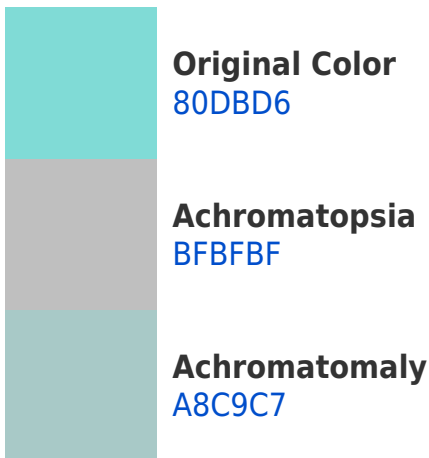


Tritanopia
85D8E9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80DBD6 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 #80DBD6 looks like.

```
.text, #text, p{  
    color:#80DBD6  
}
```

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 #80DBD6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80DBD6  
}
```

Border

The CSS property to change the border of an element to Hex 80DBD6 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  
#80DBD6 }
```

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

```
.border{ border-color:#80DBD6 }
```

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

Here you see how a box with a 4 pixel #80DBD6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80DBD6; -webkit-box-shadow:4px 4px  
4px 4px #80DBD6; box-shadow:4px 4px 4px  
4px #80DBD6 }
```

Background

The CSS property to change the background color of an element to Hex 80DBD6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80DBD6 }
```

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

```
.background{ background-color:#80DBD6 }
```

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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