

Converting Colors

Hex(80D3BB)

Have a look what the booklet for
Hex(80D3BB) contains.

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Color

Hex(80D3BB)

Conversions

Conversions Part 1

Format	Color
Hex	80D3BB
RGB	128, 211, 187
RGB Percent	50%, 83%, 73%
CMY	0.4980, 0.1725, 0.2667
CMYK	0.39, 0.00, 0.11, 0.17
HSL	163°, 49%, 66%
HSV	163°, 39%, 83%
XYZ	41.1660, 54.7656, 55.4148
YIQ	183.4470, -41.7640, -25.0600

Conversions

Conversions Part 2

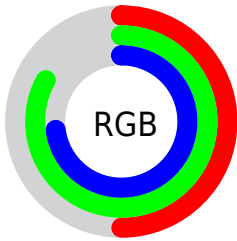
Format	Color
RYB	128, 177, 211
Decimal	8442811
CIELab	78.91, -30.78, 3.95
CIELCh	79, 31.030, 172.686
Yxy	54.7656, 0.2720, 0.3619
Android (android.graphics.Color)	4286632891 (0xFF80D3BB)
YUV	183.4470, 1.7516, -48.6270
Hunter-Lab	74.0038, -30.2126, 7.4056

Details

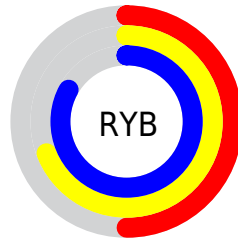
The Hex color **80D3BB** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **D38098**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **B8FFF3**, and **499C86** is the 20% darker color. If you saturate the color by 10%, you get **6BD3B5**, and if you desaturate by 10%, it is **95D3C1**.

Distribution



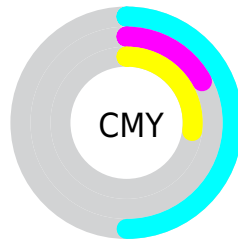
- Red (50%)
- Green (83%)
- Blue (73%)



- Red (50%)
- Yellow (69%)
- Blue (83%)



- Cyan (39%)
- Magenta (0%)
- Yellow (11%)
- Black (17%)



- Cyan (50%)
- Magenta (17%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80D3BB 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 80D3BB by changing the saturation by 10% instead.

 80D3BB

 80D3BB

FFFFFF

 65B7A0

 B8FFF3

 499C86

 D5FFFF

 2C826D

 F2FFFF

 056854

 00503D

 003827

 002313

 000000

 80D3BB

 80D3BB

 6BD3B5

 95D3C1

 56D3AF

 AAD3C7

 41D3A9

 BFD3CD

 2CD3A3

 D4D3D3

 17D39C

 EAD3DA

 01D396

 FFD3E0

 00D396

 FFD3E6

 FFD3EC

 FFD3F2

Harmonies

Analogous

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



A0CFA0



80D3BB



6BD3D9

Triad

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



80D3BB



BEBEF8



F4B697

Complementary

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



80D3BB



D38098

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.



FEAFAE



80D3BB



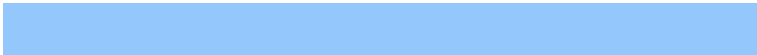
E2B5E7

Square

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



80D3BB



94C8FC



F8AFCC



DFBF8A

Rectangle

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



80D3BB



6CD1E9



F8AFCC



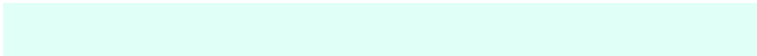
F9B39D

Sweetspot

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



80D3BB



E0FFF6



99D380



6E807A



000000



808080

Same Dimension

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



80D3BB



87FFDC



80C2D3



5E6966



00A878



00291D

Inverse Universe

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



D38098



FF87AA



D39180



695E61



A80031



29000C

Previews

White Background



This preview shows how the Hex color 80D3BB looks on a white background.

Color Contrast Check

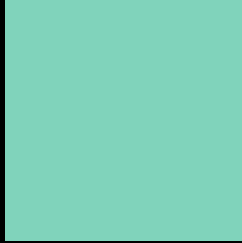
Large Text (above 18pt) WCAG AA × Fail

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 80D3BB looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

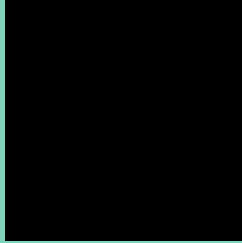
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

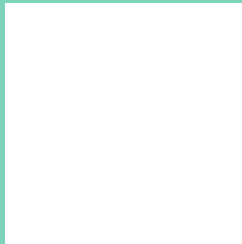
Any Text WCAG AAA ✓ Pass

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

Hex 80D3BB Background



This preview shows how black text looks on a background with the Hex color 80D3BB.



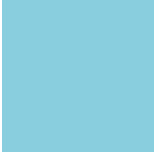
This preview shows how white text looks on a background with the Hex color 80D3BB.

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
89CEDE

Trichromacy



Original Color
80D3BB



Protanomaly
AFC8B5



Deuteranomaly
B7C4BE

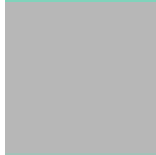


Tritanomaly
86D0D1

Monochromacy



Original Color
80D3BB



Achromatopsia
B7B7B7



Achromatomaly
A3C1B8

CSS Examples

Text

The CSS property to change the color of the text to Hex 80D3BB 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 #80D3BB looks like.

```
.text, #text, p{  
    color:#80D3BB  
}
```

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 #80D3BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80D3BB  
}
```

Border

The CSS property to change the border of an element to Hex 80D3BB 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  
#80D3BB }
```

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

```
.border{ border-color:#80D3BB }
```

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

Here you see how a box with a 4 pixel #80D3BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80D3BB; -webkit-box-shadow:4px 4px  
4px 4px #80D3BB; box-shadow:4px 4px 4px  
4px #80D3BB }
```

Background

The CSS property to change the background color of an element to Hex 80D3BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80D3BB }
```

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

```
.background{ background-color:#80D3BB }
```

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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