

# Converting Colors

Hex(80D7BB)

Have a look what the booklet for  
Hex(80D7BB) contains.

<b>Hex(80D7BB)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(80D7BB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	80D7BB
RGB	128, 215, 187
RGB Percent	50%, 84%, 73%
CMY	0.4980, 0.1569, 0.2667
CMYK	0.40, 0.00, 0.13, 0.16
HSL	161°, 52%, 67%
HSV	161°, 40%, 84%
XYZ	42.1722, 56.7779, 55.7502
YIQ	185.7950, -42.8640, -27.1520

# Conversions

## Conversions Part 2

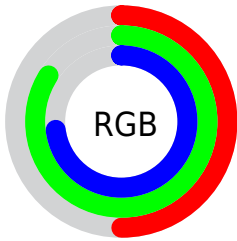
<b>Format</b>	<b>Color</b>
<b>RYB</b>	128, 180, 215
Decimal	8443835
CIELab	80.05, -32.67, 5.61
CIELCh	80, 33.148, 170.258
Yxy	56.7779, 0.2726, 0.3670
Android (android.graphics.Color)	4286633915 (0xFF80D7BB)
YUV	185.7950, 0.5941, -50.6862
Hunter-Lab	75.3511, -31.9624, 8.8787

# Details

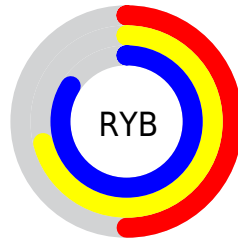
The Hex color **80D7BB** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D7809C**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **B8FFF3**, and **49A086** is the 20% darker color. If you saturate the color by 10%, you get **6BD7B4**, and if you desaturate by 10%, it is **96D7C2**.

# Distribution



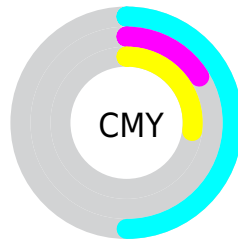
- Red (50%)
- Green (84%)
- Blue (73%)



- Red (50%)
- Yellow (71%)
- Blue (84%)



- Cyan (40%)
- Magenta (0%)
- Yellow (13%)
- Black (16%)



- Cyan (50%)
- Magenta (16%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 80D7BB 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 80D7BB by changing the saturation by 10% instead.



 80D7BB

 80D7BB

FFFFFF

 64BBA0

 B8FFF3

 49A086

 D5FFFF

 2B856D

 F2FFFF

 006C54

 00533D

 003B27

 002613

 000000

 80D7BB

 80D7BB

 6BD7B4

 96D7C2

 55D7AD

 ABD7C9

 3FD7A6

 C1D7D0

 2AD79F

 D6D7D7

 14D798

 ECD7DE

 00D792

 FFD7E5

 FFD7EB

 FFD7F2

 FFD7F9

# Harmonies

## Analogous

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



A3D39E



80D7BB



66D7DB

# Triad

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



80D7BB



BDC2FF



FCB798

# Complementary

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



80D7BB



D7809C

# 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.



FFB0B3



80D7BB



E4B7EE

# Square

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



80D7BB



90CFFF



FDB0D2



E6C18A

# Rectangle

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



80D7BB



65D6ED



FDB0D2



FFB4A0

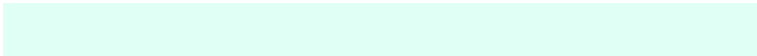


# Sweetspot

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



80D7BB



E0FFF5



9DD780



6E807A



000000



808080

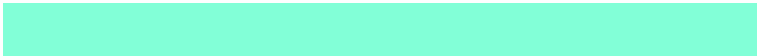


# Same Dimension

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



80D7BB



82FFD7



80C9D7



606B68



00AB74



002B1D



# Inverse Universe

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



D7809C



FF82AA



D78F80



6B6064



AB0037



2B000E



# Previews

## White Background



This preview shows how the Hex color 80D7BB looks on a white background.

## Color Contrast Check

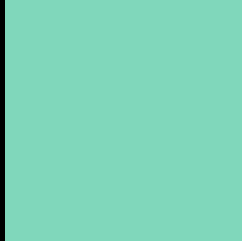
Large Text (above 18pt) WCAG AA × Fail

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 80D7BB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

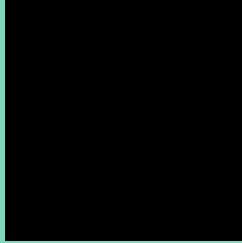
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

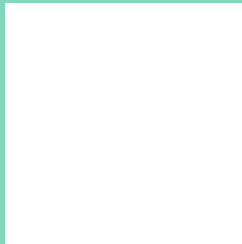
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 80D7BB Background



This preview shows how black text looks on a background with the Hex color 80D7BB.

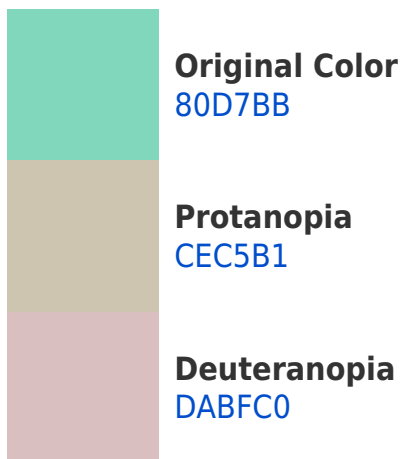


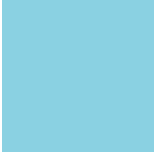
This preview shows how white text looks on a background with the Hex color 80D7BB.

# 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](#).

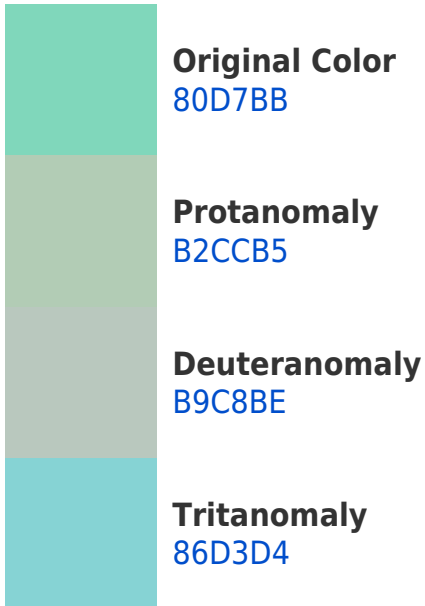
## Dichromacy



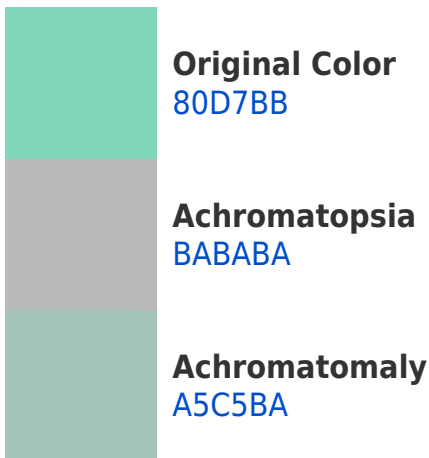


**Tritanopia**  
8AD1E2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 80D7BB 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 #80D7BB looks like.

```
.text, #text, p{  
    color:#80D7BB  
}
```

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 #80D7BB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80D7BB  
}
```

## Border

The CSS property to change the border of an element to Hex 80D7BB 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  
#80D7BB }
```

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

```
.border{ border-color:#80D7BB }
```

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

Here you see how a box with a 4 pixel #80D7BB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80D7BB; -webkit-box-shadow:4px 4px  
4px 4px #80D7BB; box-shadow:4px 4px 4px  
4px #80D7BB }
```

# Background

The CSS property to change the background color of an element to Hex 80D7BB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80D7BB }
```

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

```
.background{ background-color:#80D7BB }
```

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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