

Converting Colors

Hex(80D1AB)

Have a look what the booklet for
Hex(80D1AB) contains.

| | |
|--|----|
| Hex(80D1AB) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(80D1AB)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 80D1AB |
| RGB | 128, 209, 171 |
| RGB Percent | 50%, 82%, 67% |
| CMY | 0.4980, 0.1804, 0.3294 |
| CMYK | 0.39, 0.00, 0.18, 0.18 |
| HSL | 152°, 47%, 66% |
| HSV | 152°, 39%, 82% |
| XYZ | 39.0532, 53.1304, 46.7249 |
| YIQ | 180.4490, -36.0780, -28.9900 |

Conversions

Conversions Part 2

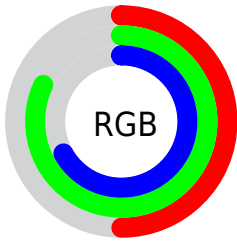
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 128, 181, 209 |
| Decimal | 8442283 |
| CIELab | 77.95, -33.25, 11.13 |
| CIELCh | 78, 35.064, 161.491 |
| Yxy | 53.1304, 0.2811, 0.3825 |
| Android (android.graphics.Color) | 4286632363 (0xFF80D1AB) |
| YUV | 180.4490, -4.6584, -45.9978 |
| Hunter-Lab | 72.8906, -31.9220, 13.0168 |

Details

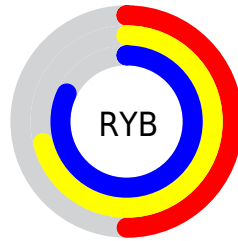
The Hex color **80D1AB** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D180A6**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **B8FFE2**, and **4A9A77** is the 20% darker color. If you saturate the color by 10%, you get **6BD1A1**, and if you desaturate by 10%, it is **95D1B5**.

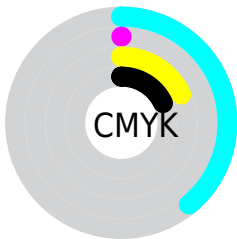
Distribution



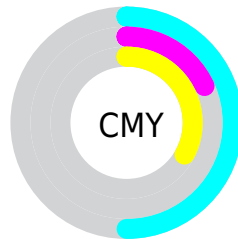
- Red (50%)
- Green (82%)
- Blue (67%)



- Red (50%)
- Yellow (71%)
- Blue (82%)



- Cyan (39%)
- Magenta (0%)
- Yellow (18%)
- Black (18%)



- Cyan (50%)
- Magenta (18%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80D1AB 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 80D1AB by changing the saturation by 10% instead.

 80D1AB

 80D1AB

FFFFFF

 65B590

 B8FFE2

 4A9A77

 D4FFFF

 2E805E

 F1FFFF

 0A6646

 004E30

 00361B

 002200

 000000

 80D1AB

 80D1AB

 6BD1A1

 95D1B5

 56D197

 AAD1BF

 41D18E

 BFD1C8

 2CD184

 D4D1D2

 18D17A

 E9D1DC

 03D170

 FDD1E6

 00D16F

 FFD1F0

 FFD1F9

 FFD1FF

Harmonies

Analogous

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



A7CC8F



80D1AB



5DD3CD

Triad

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



80D1AB



A8C0FF



FDAE97

Complementary

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



80D1AB



D180A6

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.



FFA8B5



80D1AB



D5B4F2

Square

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



80D1AB



77CAFE



F4ABD6



E9B884

Rectangle

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



80D1AB



53D1E2



F4ABD6



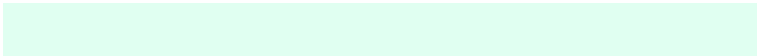
FFABA0

Sweetspot

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



80D1AB



E0FFF1



A7D180



6E8077



000000



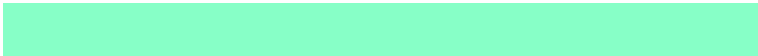
808080

Same Dimension

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



80D1AB



87FFC7



80D0D1



5E6964



00A859



002916

Inverse Universe

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



D180A6



FF87BF



D18180



695E63



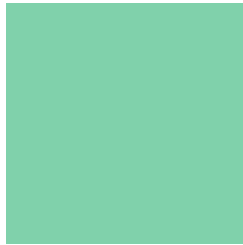
A8004F



290013

Previews

White Background



This preview shows how the Hex color 80D1AB looks on a white background.

Color Contrast Check

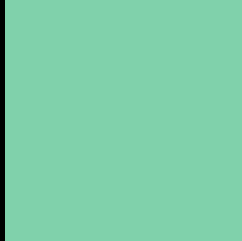
Large Text (above 18pt) WCAG AA × Fail

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 80D1AB 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 80D1AB Background



This preview shows how black text looks on a background with the Hex color 80D1AB.

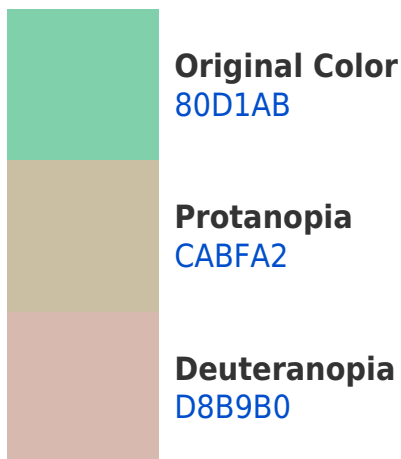


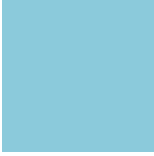
This preview shows how white text looks on a background with the Hex color 80D1AB.

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](#).

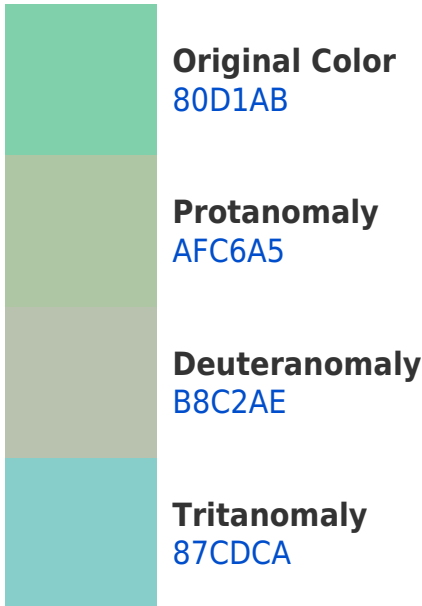
Dichromacy



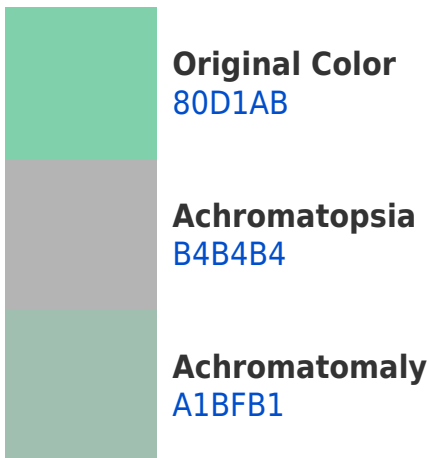


Tritanopia
8BCADB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80D1AB 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 #80D1AB looks like.

```
.text, #text, p{  
    color:#80D1AB  
}
```

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 #80D1AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80D1AB
}
```

Border

The CSS property to change the border of an element to Hex 80D1AB 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
#80D1AB }
```

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

```
.border{ border-color:#80D1AB }
```

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

Here you see how a box with a 4 pixel #80D1AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80D1AB; -webkit-box-shadow:4px 4px  
4px 4px #80D1AB; box-shadow:4px 4px 4px  
4px #80D1AB }
```

Background

The CSS property to change the background color of an element to Hex 80D1AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80D1AB }
```

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

```
.background{ background-color:#80D1AB }
```

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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