

Converting Colors

Hex(80D9AD)

Have a look what the booklet for
Hex(80D9AD) contains.

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Color

Hex(80D9AD)

Conversions

Conversions Part 1

Format	Color
Hex	80D9AD
RGB	128, 217, 173
RGB Percent	50%, 85%, 68%
CMY	0.4980, 0.1490, 0.3216
CMYK	0.41, 0.00, 0.20, 0.15
HSL	150°, 54%, 68%
HSV	150°, 41%, 85%
XYZ	41.2578, 57.2320, 48.4075
YIQ	185.3730, -38.9200, -32.5520

Conversions

Conversions Part 2

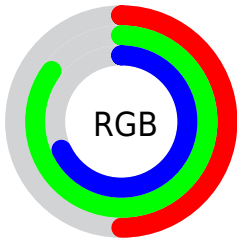
Format	Color
RYB	128, 187, 217
Decimal	8444333
CIELab	80.31, -36.55, 13.41
CIELCh	80, 38.929, 159.855
Yxy	57.2320, 0.2809, 0.3896
Android (android.graphics.Color)	4286634413 (0xFF80D9AD)
YUV	185.3730, -6.0999, -50.3161
Hunter-Lab	75.6519, -35.0433, 15.0183

Details

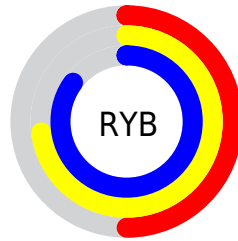
The Hex color **80D9AD** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D980AC**, and the grayscale version is **B9B9B9**.

A 20% lighter version of the original color is **B8FFE4**, and **49A279** is the 20% darker color. If you saturate the color by 10%, you get **6AD9A2**, and if you desaturate by 10%, it is **96D9B8**.

Distribution



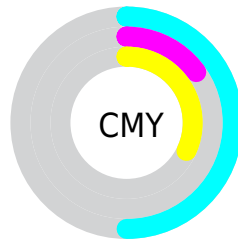
- Red (50%)
- Green (85%)
- Blue (68%)



- Red (50%)
- Yellow (73%)
- Blue (85%)



- Cyan (41%)
- Magenta (0%)
- Yellow (20%)
- Black (15%)



- Cyan (50%)
- Magenta (15%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80D9AD 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 80D9AD by changing the saturation by 10% instead.

 80D9AD

FFFFFF

 B8FFE4

 D5FFFF


 F2FFFF

 80D9AD

 64BD92

 49A279

 2C8760

 016D48

 005431

 003C1C

 002703

 000200

 000000

 80D9AD

 80D9AD

 6AD9A2

 96D9B8

 55D998

 ABD9C2

 3FD98D

 C1D9CD

 29D982

 D7D9D8

 13D977

 EDD9E3

 00D96E

 FFD9ED

 FFD9F8

 FFD9FF

Harmonies

Analogous

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



ACD38E



80D9AD



54DBD2

Triad

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



80D9AD



A8C7FF



FFB19A

Complementary

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



80D9AD



D980AC

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.



FFABBC



80D9AD



DBBAFF

Square

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



80D9AD



6DD2FF



FFAFE1



F5BD84

Rectangle

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



80D9AD



42DAEA



FFAFE1



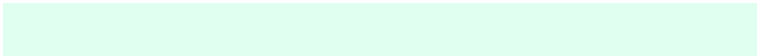
FFAEA5

Sweetspot

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



80D9AD



E0FFF0



ADD980



6E8077



000000



808080

Same Dimension

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



80D9AD



82FFC1



80D9D9



636E68



00AD58



002E17

Inverse Universe

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



D980AC



FF82C0



D98080



6E6368



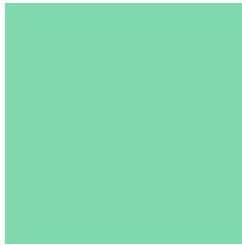
AD0056



2E0017

Previews

White Background



This preview shows how the Hex color 80D9AD 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 80D9AD 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 80D9AD Background



This preview shows how black text looks on a background with the Hex color 80D9AD.

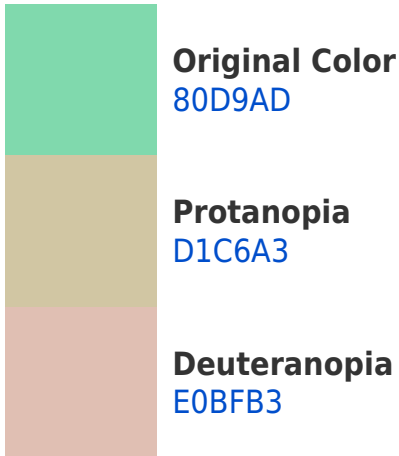


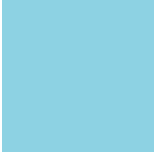
This preview shows how white text looks on a background with the Hex color 80D9AD.

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
8DD2E3

Trichromacy



Original Color
80D9AD



Protanomaly
B4CDA7



Deuteranomaly
BDC8B1

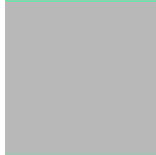


Tritanomaly
88D5CF

Monochromacy



Original Color
80D9AD



Achromatopsia
B9B9B9



Achromatomaly
A4C5B5

CSS Examples

Text

The CSS property to change the color of the text to Hex 80D9AD 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 #80D9AD looks like.

```
.text, #text, p{  
    color:#80D9AD  
}
```

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 #80D9AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80D9AD }  
}
```

Border

The CSS property to change the border of an element to Hex 80D9AD 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 #80D9AD }  
}
```

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

```
.border{ border-color:#80D9AD }
```

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

Here you see how a box with a 4 pixel #80D9AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80D9AD; -webkit-box-shadow:4px 4px  
4px 4px #80D9AD; box-shadow:4px 4px 4px  
4px #80D9AD }
```

Background

The CSS property to change the background color of an element to Hex 80D9AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80D9AD }
```

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

```
.background{ background-color:#80D9AD }
```

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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