

Converting Colors

Hex(80D0A8)

Have a look what the booklet for
Hex(80D0A8) contains.

Hex(80D0A8)	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(80D0A8)

Conversions

Conversions Part 1

Format	Color
Hex	80D0A8
RGB	128, 208, 168
RGB Percent	50%, 82%, 66%
CMY	0.4980, 0.1843, 0.3412
CMYK	0.38, 0.00, 0.19, 0.18
HSL	150°, 46%, 66%
HSV	150°, 38%, 82%
XYZ	38.5258, 52.5281, 45.1542
YIQ	179.5200, -34.8400, -29.4000

Conversions

Conversions Part 2

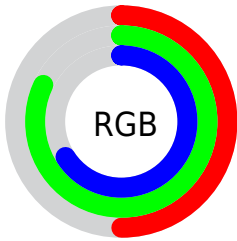
Format	Color
RYB	128, 181, 208
Decimal	8442024
CIELab	77.60, -33.40, 12.23
CIELCh	78, 35.563, 159.892
Yxy	52.5281, 0.2828, 0.3856
Android (android.graphics.Color)	4286632104 (0xFF80D0A8)
YUV	179.5200, -5.6794, -45.1830
Hunter-Lab	72.4763, -31.9491, 13.7945

Details

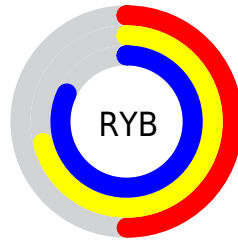
The Hex color **80D0A8** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D080A8**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **B7FFDF**, and **4A9974** is the 20% darker color. If you saturate the color by 10%, you get **6BD09E**, and if you desaturate by 10%, it is **95D0B2**.

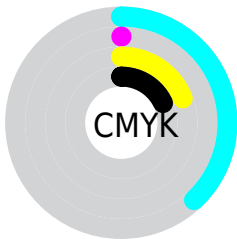
Distribution



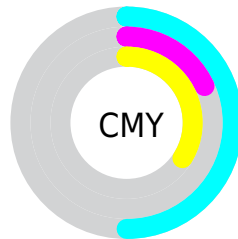
- Red (50%)
- Green (82%)
- Blue (66%)



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



- Cyan (38%)
- Magenta (0%)
- Yellow (19%)
- Black (18%)



- Cyan (50%)
- Magenta (18%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80D0A8 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 80D0A8 by changing the saturation by 10% instead.

 80D0A8

 80D0A8

FFFFFF

 65B48E

 B7FFDF

 4A9974

 D4FFFC

 2E7F5B

 F1FFFF

 0C6544

 004D2D

 003518

 002200

 000000

 80D0A8

 80D0A8

 6BD09E

 95D0B2

 56D093

 AAD0BD

 42D089

 BED0C7

 2DD07E

 D3D0D2

 18D074

 E8D0DC

 03D06A

 FDD0E6

 00D068

 FFD0F1

 FFD0FB

 FFD0FF

Harmonies

Analogous

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



A7CA8C



80D0A8



5BD2CA

Triad

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



80D0A8



A4BFFF



FDAC97

Complementary

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



80D0A8



D080A8

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.



FFA7B6



80D0A8



D2B3F2

Square

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



80D0A8



71C9FD



F2AAD7



EAB682

Rectangle

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



80D0A8



4FD1DF



F2AAD7



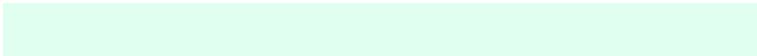
FFA9A0

Sweetspot

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



80D0A8



E0FFF0



A8D080



6E8077



000000



808080

Same Dimension

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



80D0A8



8AFFC4



80D0D0



5E6963



00A854



002914

Inverse Universe

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



D080A8



FF8AC4



D08080



695E63



A80054



290014

Previews

White Background



This preview shows how the Hex color 80D0A8 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 80D0A8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

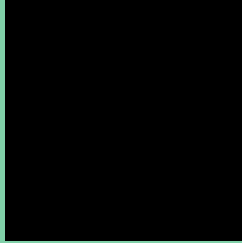
Any Text WCAG AA ✓ Pass

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 80D0A8 Background



This preview shows how black text looks on a background with the Hex color 80D0A8.

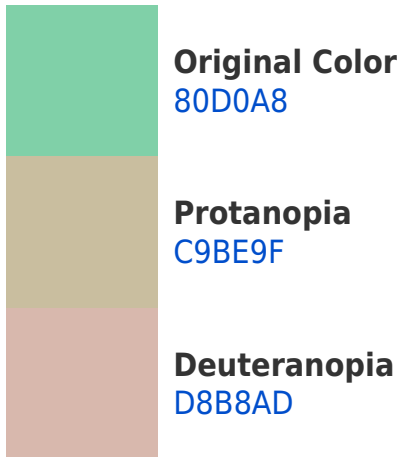


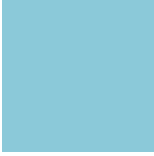
This preview shows how white text looks on a background with the Hex color 80D0A8.

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
8BC9D9

Trichromacy



Original Color
80D0A8



Protanomaly
AEC5A2



Deuteranomaly
B8C1AB



Tritanomaly
87CCC7

Monochromacy



Original Color
80D0A8



Achromatopsia
B4B4B4



Achromatomaly
A1BEB0

CSS Examples

Text

The CSS property to change the color of the text to Hex 80D0A8 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 #80D0A8 looks like.

```
.text, #text, p{  
    color:#80D0A8  
}
```

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 #80D0A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80D0A8
}
```

Border

The CSS property to change the border of an element to Hex 80D0A8 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
#80D0A8 }
```

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

```
.border{ border-color:#80D0A8 }
```

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

Here you see how a box with a 4 pixel #80D0A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80D0A8; -webkit-box-shadow:4px 4px  
4px 4px #80D0A8; box-shadow:4px 4px 4px  
4px #80D0A8 }
```

Background

The CSS property to change the background color of an element to Hex 80D0A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80D0A8 }
```

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

```
.background{ background-color:#80D0A8 }
```

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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