

Converting Colors

Hex(80D5AF)

Have a look what the booklet for
Hex(80D5AF) contains.

Hex(80D5AF)	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(80D5AF)

Conversions

Conversions Part 1

Format	Color
Hex	80D5AF
RGB	128, 213, 175
RGB Percent	50%, 84%, 69%
CMY	0.4980, 0.1647, 0.3137
CMYK	0.40, 0.00, 0.18, 0.16
HSL	153°, 50%, 67%
HSV	153°, 40%, 84%
XYZ	40.4342, 55.2728, 49.0951
YIQ	183.2530, -38.4620, -29.8380

Conversions

Conversions Part 2

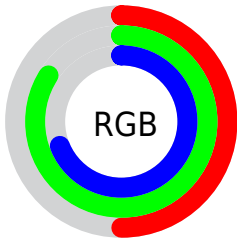
Format	Color
RYB	128, 183, 213
Decimal	8443311
CIELab	79.20, -34.29, 10.77
CIElCh	79, 35.943, 162.562
Yxy	55.2728, 0.2792, 0.3817
Android (android.graphics.Color)	4286633391 (0xFF80D5AF)
YUV	183.2530, -4.0687, -48.4569
Hunter-Lab	74.3457, -33.0247, 12.8891

Details

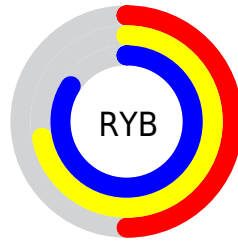
The Hex color **80D5AF** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **D580A6**, and the grayscale version is **B7B7B7**.

A 20% lighter version of the original color is **B8FFE7**, and **499E7B** is the 20% darker color. If you saturate the color by 10%, you get **6BD5A5**, and if you desaturate by 10%, it is **95D5B9**.

Distribution



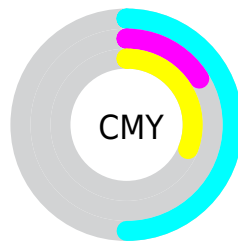
- Red (50%)
- Green (84%)
- Blue (69%)



- Red (50%)
- Yellow (72%)
- Blue (84%)



- Cyan (40%)
- Magenta (0%)
- Yellow (18%)
- Black (16%)



- Cyan (50%)
- Magenta (16%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80D5AF 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 80D5AF by changing the saturation by 10% instead.

 80D5AF

FFFFFF

 B8FFE7

 D5FFFF

 F2FFFF

 80D5AF

 65B994

 499E7B

 2D8362

 056A4A

 005133

 00391E

 002506

 000000

 80D5AF

 80D5AF

 6BD5A5

 95D5B9

 55D59C

 ABD5C2

 40D592

 C0D5CC

 2BD589

 D5D5D5

 15D57F

 EBD5DF

 00D576

 FFD5E8

 FFD5F2

 FFD5FB

 FFD5FF

Harmonies

Analogous

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



A8D092



80D5AF



5CD7D2

Triad

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



80D5AF



ADC3FF



FFB198

Complementary

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



80D5AF



D580A6

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.



FFABB7



80D5AF



DAB7F6

Square

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



80D5AF



79CDFE



FAADD9



ECBB85

Rectangle

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



80D5AF



52D5E7



FAADD9



FFAEA2

Sweetspot

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



80D5AF



E0FFF1



A6D580



6E8078



000000



808080

Same Dimension

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



80D5AF



85FFC8



80D1D5



606B66



00AB5E



002B18

Inverse Universe

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



D580A6



FF85BB



D58480



6B6065



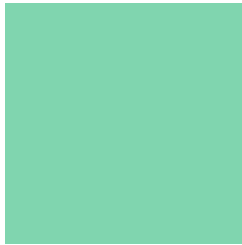
AB004C



2B0013

Previews

White Background



This preview shows how the Hex color 80D5AF 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 80D5AF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

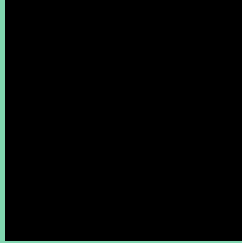
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

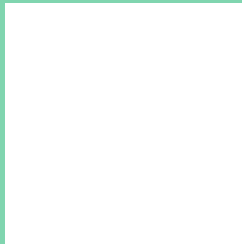
Any Text WCAG AAA ✓ Pass

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

Hex 80D5AF Background



This preview shows how black text looks on a background with the Hex color 80D5AF.

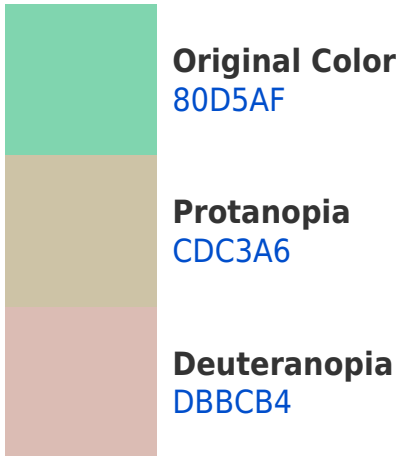


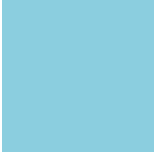
This preview shows how white text looks on a background with the Hex color 80D5AF.

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
8BCEDF

Trichromacy



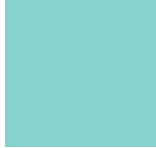
Original Color
80D5AF



Protanomaly
B1CAA9



Deuteranomaly
BAC5B2

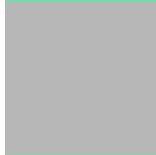


Tritanomaly
87D1CE

Monochromacy



Original Color
80D5AF



Achromatopsia
B7B7B7



Achromatomaly
A3C2B4

CSS Examples

Text

The CSS property to change the color of the text to Hex 80D5AF 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 #80D5AF looks like.

```
.text, #text, p{  
    color:#80D5AF  
}
```

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 #80D5AF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80D5AF  
}
```

Border

The CSS property to change the border of an element to Hex 80D5AF 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  
#80D5AF }
```

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

```
.border{ border-color:#80D5AF }
```

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

Here you see how a box with a 4 pixel #80D5AF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80D5AF; -webkit-box-shadow:4px 4px  
4px 4px #80D5AF; box-shadow:4px 4px 4px  
4px #80D5AF }
```

Background

The CSS property to change the background color of an element to Hex 80D5AF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80D5AF }
```

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

```
.background{ background-color:#80D5AF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor