

Converting Colors

Hex(80DBA7)

Have a look what the booklet for
Hex(80DBA7) contains.

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Color

Hex(80DBA7)

Conversions

Conversions Part 1

Format	Color
Hex	80DBA7
RGB	128, 219, 167
RGB Percent	50%, 86%, 65%
CMY	0.4980, 0.1412, 0.3451
CMYK	0.42, 0.00, 0.24, 0.14
HSL	146°, 56%, 68%
HSV	146°, 42%, 86%
XYZ	41.2087, 58.0423, 45.5906
YIQ	185.8630, -37.5440, -35.4640

Conversions

Conversions Part 2

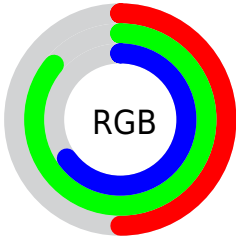
Format	Color
RYB	128, 192, 219
Decimal	8444839
CIELab	80.76, -38.65, 17.21
CIElCh	81, 42.305, 156.000
Yxy	58.0423, 0.2845, 0.4007
Android (android.graphics.Color)	4286634919 (0xFF80DBA7)
YUV	185.8630, -9.2995, -50.7459
Hunter-Lab	76.1855, -36.7741, 17.8498

Details

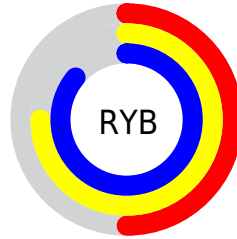
The Hex color **80DBA7** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **DB80B4**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **B8FFDE**, and **49A373** is the 20% darker color. If you saturate the color by 10%, you get **6ADB9A**, and if you desaturate by 10%, it is **96DBB4**.

Distribution



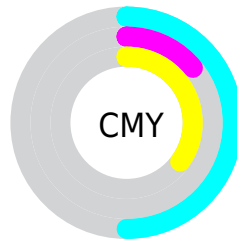
- Red (50%)
- Green (86%)
- Blue (65%)



- Red (50%)
- Yellow (75%)
- Blue (86%)



- Cyan (42%)
- Magenta (0%)
- Yellow (24%)
- Black (14%)



- Cyan (50%)
- Magenta (14%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80DBA7 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 80DBA7 by changing the saturation by 10% instead.

 80DBA7

 80DBA7

FFFFFF

 64BF8D

 B8FFDE

 49A373

 D5FFFB

 2B895A

 F2FFFF

 006F42

 00562C

 003E17

 002800

 000500

 000000

 80DBA7

 80DBA7

 6ADB9A

 96DBB4

 54DB8E

 ACDBC0

 3EDB81

 C2DBCD

 28DB75

 D8DBD9

 12DB68

 EDDBE6

 00DB5E

 FFDBF2

 FFDBFF

Harmonies

Analogous

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



B0D487



80DBA7



49DECF

Triad

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



80DBA7



9CCAFF



FFAF9C

Complementary

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



80DBA7



DB80B4

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.



FFAAC2



80DBA7



D8BBFF

Square

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



80DBA7



57D5FF



FFAFE9



FDBB81

Rectangle

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



80DBA7



24DDEA



FFAFE9



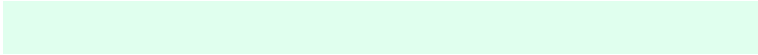
FFACA8

Sweetspot

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



80DBA7



E0FFEE



B5DB80



6E8075



000000



808080

Same Dimension

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



80DBA7



80FFB6



80DBD3



636E67



00AD4A



002E14

Inverse Universe

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



DB80B4



FF80C8



DB8088



6E6369



AD0063



2E001A

Previews

White Background



This preview shows how the Hex color 80DBA7 looks on a white background.

Color Contrast Check

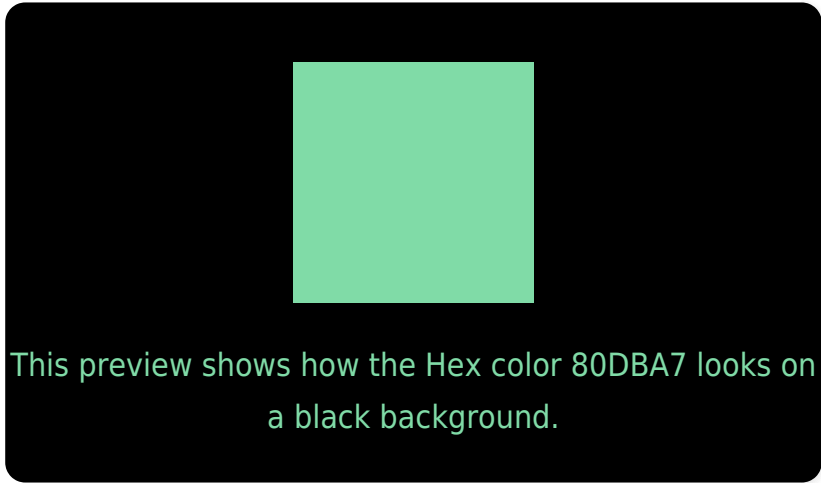
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

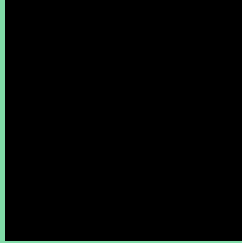
Any Text WCAG AA ✓ Pass

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 80DBA7 Background



This preview shows how black text looks on a background with the Hex color 80DBA7.

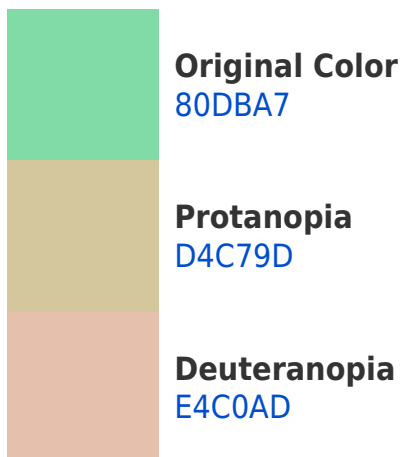


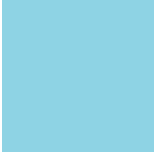
This preview shows how white text looks on a background with the Hex color 80DBA7.

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](#).

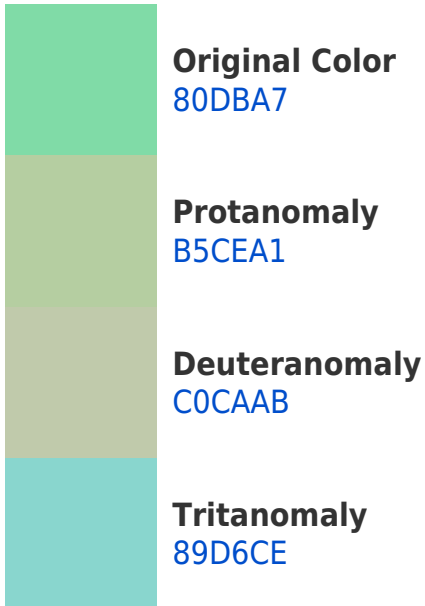
Dichromacy



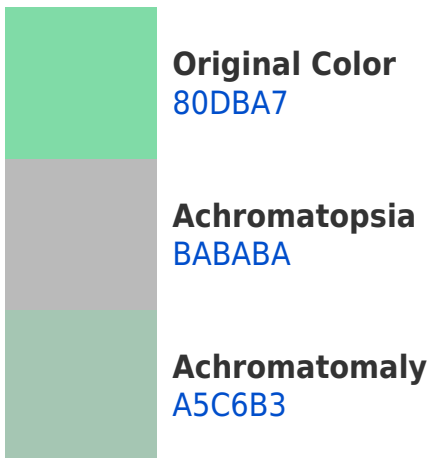


Tritanopia
8ED3E4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80DBA7 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 #80DBA7 looks like.

```
.text, #text, p{  
    color:#80DBA7  
}
```

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 #80DBA7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80DBA7
}
```

Border

The CSS property to change the border of an element to Hex 80DBA7 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
#80DBA7 }
```

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

```
.border{ border-color:#80DBA7 }
```

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

Here you see how a box with a 4 pixel #80DBA7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80DBA7; -webkit-box-shadow:4px 4px  
4px 4px #80DBA7; box-shadow:4px 4px 4px  
4px #80DBA7 }
```

Background

The CSS property to change the background color of an element to Hex 80DBA7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80DBA7 }
```

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

```
.background{ background-color:#80DBA7 }
```

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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