

Converting Colors

Hex(80B783)

Have a look what the booklet for
Hex(80B783) contains.

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Color

Hex(80B783)

Conversions

Conversions Part 1

Format	Color
Hex	80B783
RGB	128, 183, 131
RGB Percent	50%, 72%, 51%
CMY	0.4980, 0.2824, 0.4863
CMYK	0.30, 0.00, 0.28, 0.28
HSL	123°, 28%, 61%
HSV	123°, 30%, 72%
XYZ	29.9323, 40.0949, 27.6342
YIQ	160.6270, -16.0880, -27.8320

Conversions

Conversions Part 2

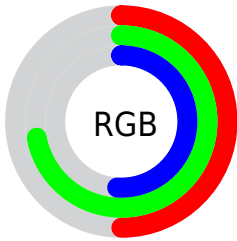
Format	Color
RYB	128, 180, 183
Decimal	8435587
CIELab	69.54, -28.52, 20.85
CIELCh	70, 35.327, 143.828
Yxy	40.0949, 0.3065, 0.4105
Android (android.graphics.Color)	4286625667 (0xFF80B783)
YUV	160.6270, -14.6061, -28.6139
Hunter-Lab	63.3205, -26.4319, 18.4491

Details

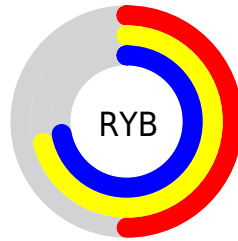
The Hex color **80B783** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **B780B4**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **B6EFB8**, and **4D8251** is the 20% darker color. If you saturate the color by 10%, you get **6EB772**, and if you desaturate by 10%, it is **92B794**.

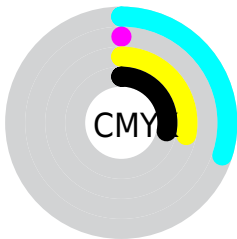
Distribution



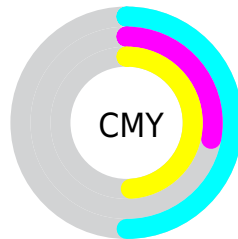
- Red (50%)
- Green (72%)
- Blue (51%)



- Red (50%)
- Yellow (71%)
- Blue (72%)



- Cyan (30%)
- Magenta (0%)
- Yellow (28%)
- Black (28%)



- Cyan (50%)
- Magenta (28%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80B783 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 80B783 by changing the saturation by 10% instead.

 80B783

 80B783

FFFFFF

 669C6A

 B6EFB8

 4D8251

 D2FFD4

 34683A

 EFFFF0

 1A5024

 00380E

 002300

 000000

 80B783

 80B783

 6EB772

 92B794

 5BB760

 A5B7A6

 49B74F

 B7B7B7

 37B73E

 C9B7C8

 24B72C

 DBB7DA

 12B71B

 EEB7EB

 00B70A

 FFB7FC

 FFB7FF

Harmonies

Analogous

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



A5B06E



80B783



58BBA2

Triad

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



80B783



72AFE9



E99392

Complementary

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



80B783



B780B4

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.



E392B2



80B783



A4A4E4

Square

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



80B783



40B7DD



CC99D0



DD9B77

Rectangle

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



80B783



3EBBB8



CC99D0



E9919C

Sweetspot

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



80B783



D8EDD9



B4B780



6B786B



F7F7F7



787878

Same Dimension

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



80B783



98ED9C



80B79E



535C53



009C08



001C02

Inverse Universe

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



B780B4



ED98E8



B78099



5C535B



9C0093



1C001B

Previews

White Background



This preview shows how the Hex color 80B783 looks on a white background.

Color Contrast Check

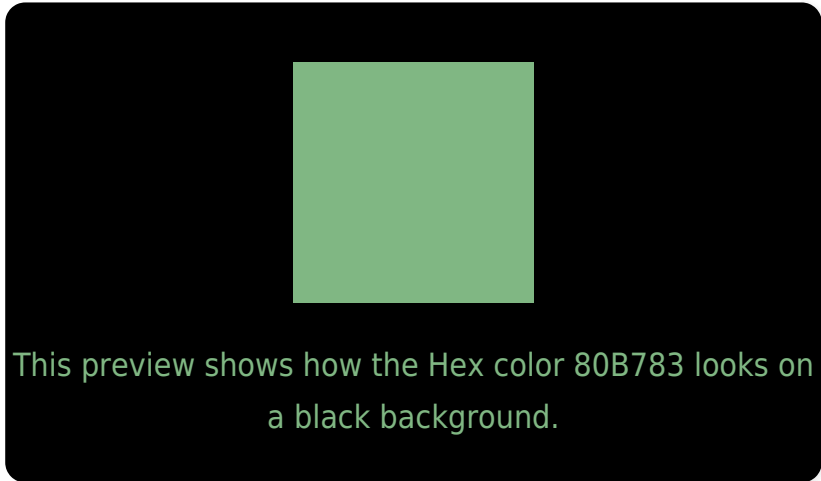
Large Text (above 18pt) WCAG AA × Fail

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 80B783 Background



This preview shows how black text looks on a background with the Hex color 80B783.

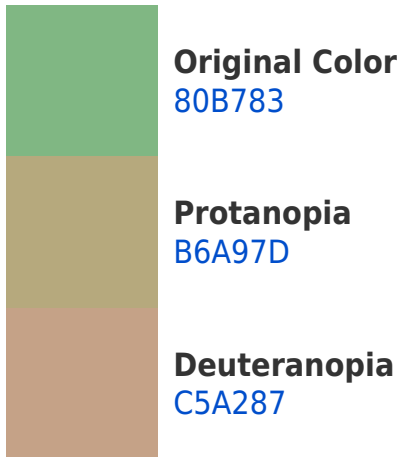


This preview shows how white text looks on a background with the Hex color 80B783.

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](#).

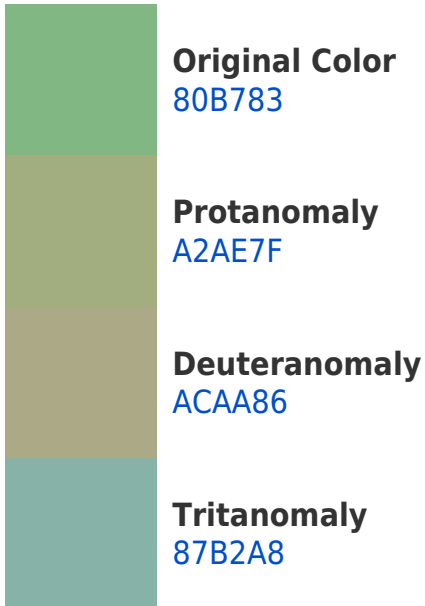
Dichromacy



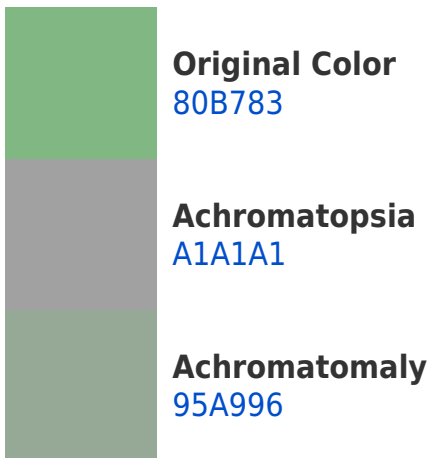


Tritanopia
8BAFBD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80B783 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 #80B783 looks like.

```
.text, #text, p{  
    color:#80B783  
}
```

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 #80B783 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80B783
}
```

Border

The CSS property to change the border of an element to Hex 80B783 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
#80B783 }
```

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

```
.border{ border-color:#80B783 }
```

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

Here you see how a box with a 4 pixel #80B783 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80B783; -webkit-box-shadow:4px 4px  
4px 4px #80B783; box-shadow:4px 4px 4px  
4px #80B783 }
```

Background

The CSS property to change the background color of an element to Hex 80B783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80B783 }
```

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

```
.background{ background-color:#80B783 }
```

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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