

# Converting Colors

Hex(80B782)

Have a look what the booklet for  
Hex(80B782) contains.

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**Color**

**Hex(80B782)**

# Conversions

## Conversions Part 1

Format	Color
Hex	80B782
RGB	128, 183, 130
RGB Percent	50%, 72%, 51%
CMY	0.4980, 0.2824, 0.4902
CMYK	0.30, 0.00, 0.29, 0.28
HSL	122°, 28%, 61%
HSV	122°, 30%, 72%
XYZ	29.8648, 40.0679, 27.2789
YIQ	160.5130, -15.7670, -28.1430

# Conversions

## Conversions Part 2

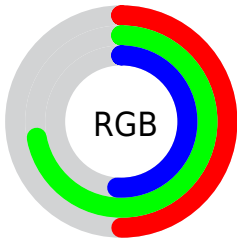
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">128, 181, 183</a>
Decimal	<a href="#">8435586</a>
CIELab	<a href="#">69.52, -28.69, 21.36</a>
CIELCh	<a href="#">70, 35.771, 143.329</a>
Yxy	<a href="#">40.0679, 0.3072, 0.4122</a>
Android (android.graphics.Color)	<a href="#">4286625666 (0xFF80B782)</a>
YUV	<a href="#">160.5130, -15.0429, -28.5139</a>
Hunter-Lab	<a href="#">63.2992, -26.5565, 18.7583</a>

# Details

The Hex color **80B782** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **B780B5**, and the grayscale version is **A1A1A1**.

A 20% lighter version of the original color is **B6EFB7**, and **4D8250** is the 20% darker color. If you saturate the color by 10%, you get **6EB770**, and if you desaturate by 10%, it is **92B794**.

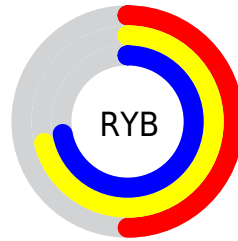
# Distribution



Red (50%)

Green (72%)

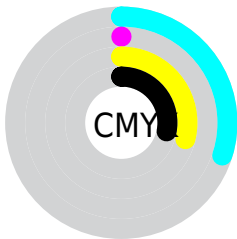
Blue (51%)



Red (50%)

Yellow (71%)

Blue (72%)

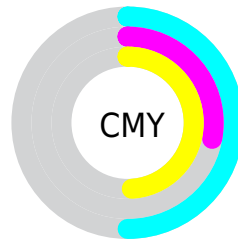


Cyan (30%)

Magenta (0%)

Yellow (29%)

Black (28%)



Cyan (50%)

Magenta (28%)

Yellow (49%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 80B782 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 80B782 by changing the saturation by 10% instead.





80B782



80B782

FFFFFF



669C69



B6EFB7



4D8250



D2FFD3



346839



EFFFEF



1A5023



00380D



002300



000000



80B782



80B782



6EB770



92B794

 5BB75F

 A5B7A5

 49B74D

 B7B7B7

 37B73B

 C9B7C9

 24B72A

 DBB7DA

 12B718

 EEB7EC

 00B707

 FFB7FD

 FFB7FF

# Harmonies

## Analogous

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



A6B06D



80B782



57BBA1

# Triad

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



80B782



70AFEA



E99292

# Complementary

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



80B782



B780B5

# 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.



E491B2



80B782



A3A4E5

# Square

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



80B782



3CB7DD



CC99D1



DE9A77

# Rectangle

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



80B782



3CBBB8



CC99D1



EA919C



# Sweetspot

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



80B782



D8EDD9



B5B780



6B786B



F7F7F7



787878



# Same Dimension

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



80B782



98ED9B



80B79D



535C53



009C06



001C01



# Inverse Universe

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



B780B5



ED98EA



B7809A



5C535B



9C0096



1C001B



# Previews

## White Background



This preview shows how the Hex color 80B782 looks on a white background.

## Color Contrast Check

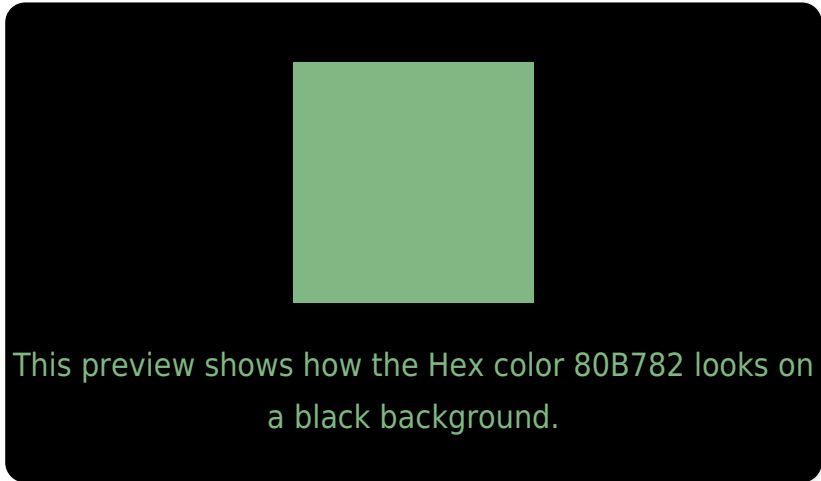
Large Text (above 18pt) WCAG AA × Fail

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

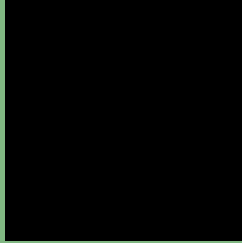
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 80B782 Background



This preview shows how black text looks on a background with the Hex color 80B782.

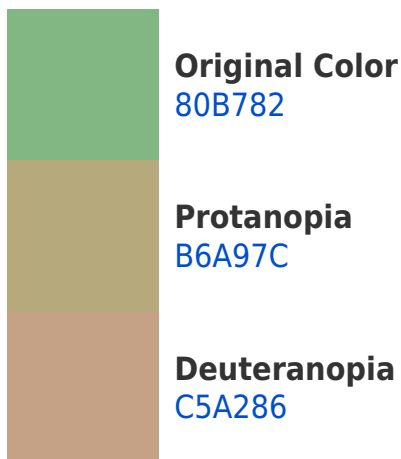


This preview shows how white text looks on a background with the Hex color 80B782.

# 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](#).

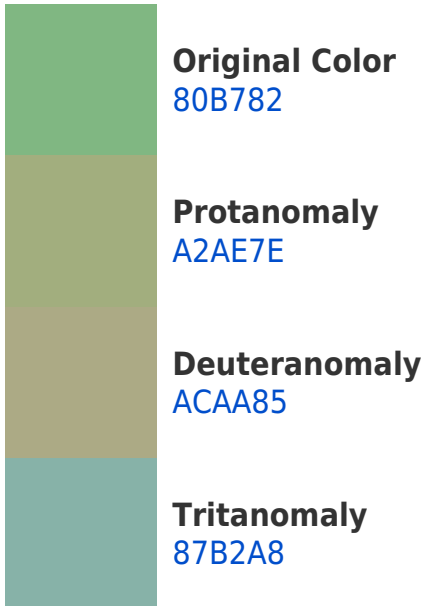
## Dichromacy



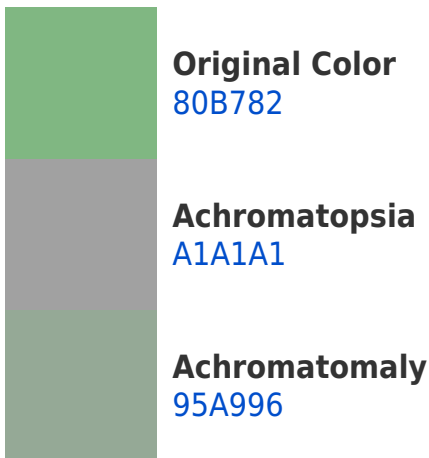


**Tritanopia**  
8BAFBD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 80B782 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 #80B782 looks like.

```
.text, #text, p{  
    color:#80B782  
}
```

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 #80B782 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80B782
}
```

## Border

The CSS property to change the border of an element to Hex 80B782 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
#80B782 }
```

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

```
.border{ border-color:#80B782 }
```

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

Here you see how a box with a 4 pixel #80B782 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80B782; -webkit-box-shadow:4px 4px  
4px 4px #80B782; box-shadow:4px 4px 4px  
4px #80B782 }
```

# Background

The CSS property to change the background color of an element to Hex 80B782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80B782 }
```

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

```
.background{ background-color:#80B782 }
```

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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