

# Converting Colors

Hex(81B886)

Have a look what the booklet for  
Hex(81B886) contains.

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# **Color**

**Hex(81B886)**

# Conversions

## Conversions Part 1

Format	Color
Hex	81B886
RGB	129, 184, 134
RGB Percent	51%, 72%, 53%
CMY	0.4941, 0.2784, 0.4745
CMYK	0.30, 0.00, 0.27, 0.28
HSL	125°, 28%, 61%
HSV	125°, 30%, 72%
XYZ	30.4968, 40.6693, 28.7969
YIQ	161.8550, -16.7300, -27.2100

# Conversions

## Conversions Part 2

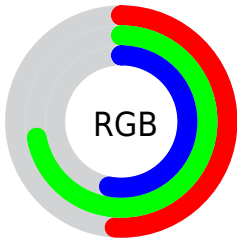
<b>Format</b>	<b>Color</b>
<b>RYB</b>	129, 179, 184
Decimal	8501382
CIELab	69.94, -28.15, 19.80
CIELCh	70, 34.412, 144.873
Yxy	40.6693, 0.3051, 0.4068
Android (android.graphics.Color)	4286691462 (0xFF81B886)
YUV	161.8550, -13.7325, -28.8138
Hunter-Lab	63.7725, -26.2409, 17.8680

# Details

The Hex color **81B886** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **B881B3**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **B7F0BB**, and **4E8354** is the 20% darker color. If you saturate the color by 10%, you get **6FB875**, and if you desaturate by 10%, it is **93B897**.

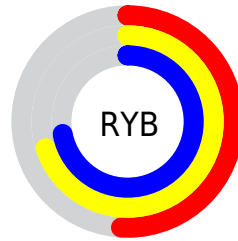
# Distribution



Red (51%)

Green (72%)

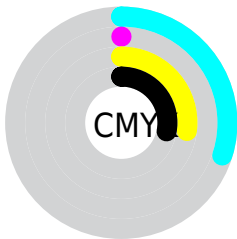
Blue (53%)



Red (51%)

Yellow (70%)

Blue (72%)

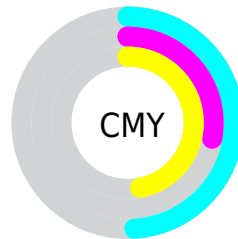


Cyan (30%)

Magenta (0%)

Yellow (27%)

Black (28%)



Cyan (49%)

Magenta (28%)


Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 81B886 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 81B886 by changing the saturation by 10% instead.



 81B886

 81B886

FFFFFF

 679D6D

 B7F0BB

 4E8354

 D3FFD7

 35693D


 F0FFF4


 1B5126

 003911

 002400

 000000

 81B886

 81B886

 6FB875

 93B897

 5CB865

 A6B8A7

 4AB854

 B8B8B8

 37B843

 CBB8C9

 25B832

 DDB8DA

 13B822

 EFB8EA

 00B811

 FFB8FB

 FFB8FF

# Harmonies

## Analogous

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



A5B171



81B886



5BBCA4

# Triad

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



81B886



77B0E9



E89592

# Complementary

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



81B886



B881B3

# 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.



E494B2



81B886



A7A5E3

# Square

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



81B886



48B7DD



CD9ACF



DD9C79

# Rectangle

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



81B886



43BCBA



CD9ACF



E9939C



# Sweetspot

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



81B886



DAF0DC



B3B881



6B786C



F7F7F7



787878



# Same Dimension

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



81B886



99F0A1



81B8A1



535C53



009C0E



001C03



# Inverse Universe

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



B881B3



F099E8



B88198



5C535B



9C008D



1C0019



# Previews

## White Background



This preview shows how the Hex color 81B886 looks on a white background.

## Color Contrast Check

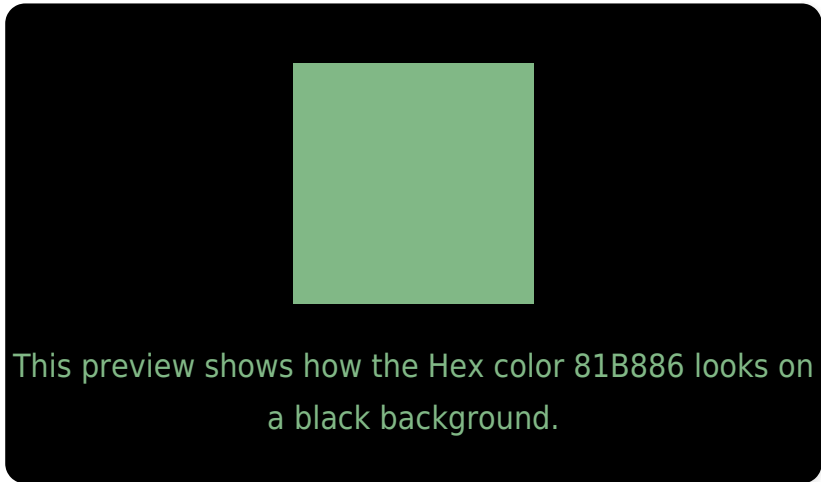
Large Text (above 18pt) WCAG AA × Fail

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

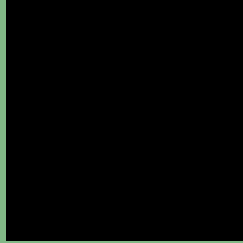
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 81B886 Background



This preview shows how black text looks on a background with the Hex color 81B886.

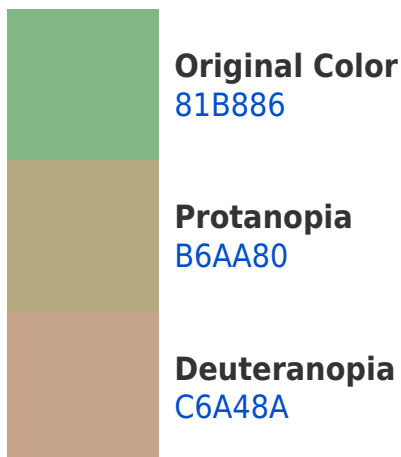


This preview shows how white text looks on a background with the Hex color 81B886.

# 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**  
8CB1BF

# Trichromacy



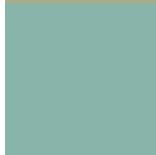
**Original Color**  
81B886



**Protanomaly**  
A3AF82



**Deuteranomaly**  
ADAB89



**Tritanomaly**  
88B4AA

# Monochromacy



**Original Color**  
81B886



**Achromatopsia**  
A2A2A2



**Achromatomaly**  
96AA98

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 81B886 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 #81B886 looks like.

```
.text, #text, p{  
    color:#81B886  
}
```

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 #81B886 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81B886
}
```

## Border

The CSS property to change the border of an element to Hex 81B886 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
#81B886 }
```

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

```
.border{ border-color:#81B886 }
```

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

Here you see how a box with a 4 pixel #81B886 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81B886; -webkit-box-shadow:4px 4px  
4px 4px #81B886; box-shadow:4px 4px 4px  
4px #81B886 }
```

# Background

The CSS property to change the background color of an element to Hex 81B886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81B886 }
```

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

```
.background{ background-color:#81B886 }
```

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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