

Converting Colors

Hex(81B37B)

Have a look what the booklet for
Hex(81B37B) contains.

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Color

Hex(81B37B)

Conversions

Conversions Part 1

Format	Color
Hex	81B37B
RGB	129, 179, 123
RGB Percent	51%, 70%, 48%
CMY	0.4941, 0.2980, 0.5176
CMYK	0.28, 0.00, 0.31, 0.30
HSL	114°, 27%, 59%
HSV	114°, 31%, 70%
XYZ	28.7485, 38.3374, 24.6235
YIQ	157.6660, -11.8240, -28.0160

Conversions

Conversions Part 2

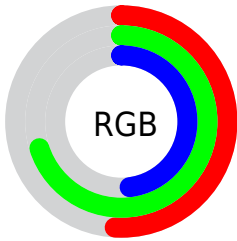
Format	Color
RYB	123, 179, 173
Decimal	8500091
CIELab	68.27, -27.60, 23.44
CIELCh	68, 36.207, 139.654
Yxy	38.3374, 0.3135, 0.4180
Android (android.graphics.Color)	4286690171 (0xFF81B37B)
YUV	157.6660, -17.0903, -25.1401
Hunter-Lab	61.9172, -25.4765, 19.7633

Details

The Hex color **81B37B** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **AD7BB3**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **B7EBB0**, and **4E7E4A** is the 20% darker color. If you saturate the color by 10%, you get **71B369**, and if you desaturate by 10%, it is **91B38D**.

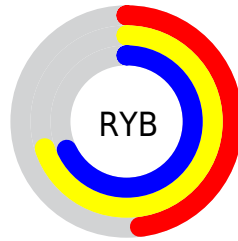
Distribution



Red (51%)

Green (70%)

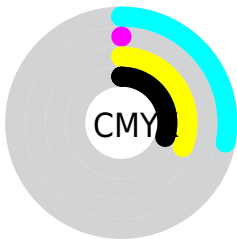
Blue (48%)



Red (48%)

Yellow (70%)

Blue (68%)

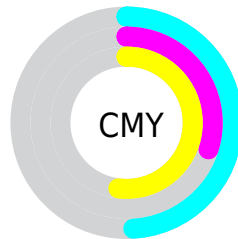


Cyan (28%)

Magenta (0%)

Yellow (31%)

Black (30%)



Cyan (49%)

Magenta (30%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81B37B 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 81B37B by changing the saturation by 10% instead.



81B37B



81B37B

FFFFFF



679862



B7EBB0



4E7E4A



D3FFCB



356532



F0FFE8



1C4C1C



013505



002100



000000



81B37B



81B37B



71B369



91B38D

■ 61B357

■ A1B39F

■ 51B345

■ B1B3B1

■ 41B333

■ C1B3C3

■ 31B322

■ D1B3D5

■ 21B310

■ E1B3E6

■ 13B300

■ F1B3F8

■ FFB3FF

Harmonies

Analogous

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



A6AB68



81B37B



57B79A

Triad

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



81B37B



64ADE6



E78E92

Complementary

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



81B37B



AD7BB3

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.



DF8EB3



81B37B



9AA2E4

Square

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



81B37B



2DB5D7



C596D1



DD9576

Rectangle

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



81B37B



39B8B0



C596D1



E68D9D

Sweetspot

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



81B37B



D5E8D3



B3AC7B



6A7568



F5F5F5



757575

Same Dimension

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



81B37B



99E890



7BB390



515950



109900



031A00

Inverse Universe

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



AD7BB3



DF90E8



B37B9E



585059



890099



17001A

Previews

White Background



This preview shows how the Hex color 81B37B looks on a white background.

Color Contrast Check

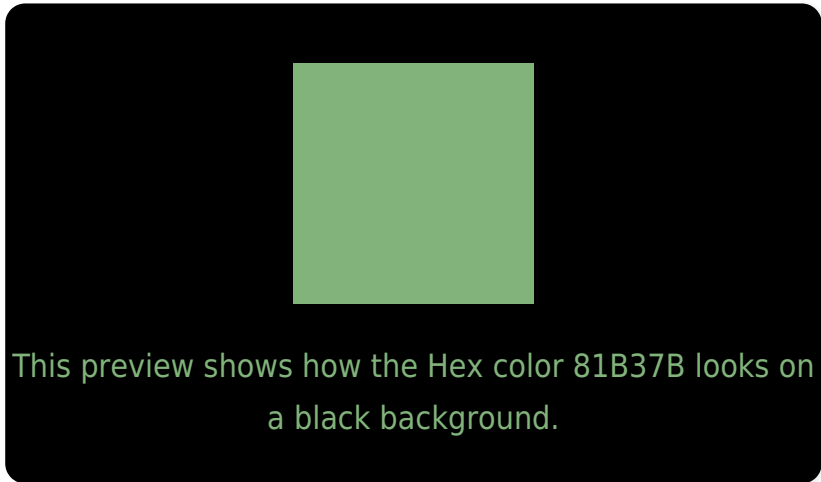
Large Text (above 18pt) WCAG AA × Fail

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

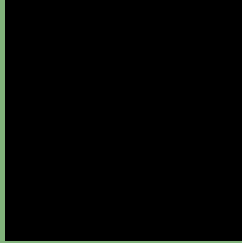
Any Text WCAG AA ✓ Pass

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 81B37B Background



This preview shows how black text looks on a background with the Hex color 81B37B.

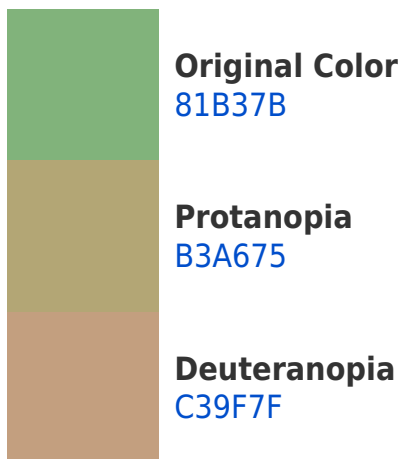


This preview shows how white text looks on a background with the Hex color 81B37B.

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](#).

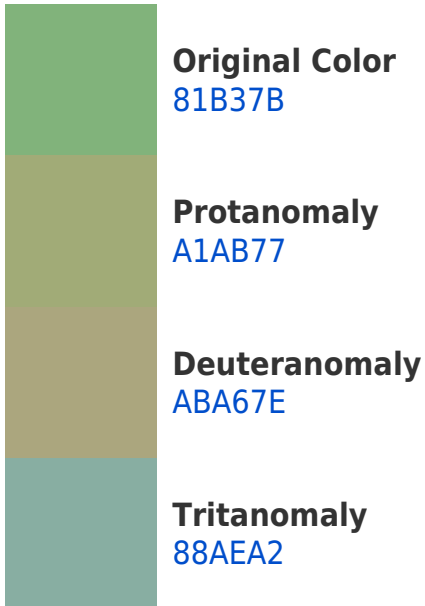
Dichromacy





Tritanopia
8CABB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81B37B 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 #81B37B looks like.

```
.text, #text, p{  
    color:#81B37B  
}
```

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 #81B37B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81B37B
}
```

Border

The CSS property to change the border of an element to Hex 81B37B 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
#81B37B }
```

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

```
.border{ border-color:#81B37B }
```

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

Here you see how a box with a 4 pixel #81B37B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81B37B; -webkit-box-shadow:4px 4px  
4px 4px #81B37B; box-shadow:4px 4px 4px  
4px #81B37B }
```

Background

The CSS property to change the background color of an element to Hex 81B37B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81B37B }
```

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

```
.background{ background-color:#81B37B }
```

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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