

Converting Colors

Hex(80B37F)

Have a look what the booklet for
Hex(80B37F) contains.

Hex(80B37F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(80B37F)

Conversions

Conversions Part 1

Format	Color
Hex	80B37F
RGB	128, 179, 127
RGB Percent	50%, 70%, 50%
CMY	0.4980, 0.2980, 0.5020
CMYK	0.28, 0.00, 0.29, 0.30
HSL	119°, 25%, 60%
HSV	119°, 29%, 70%
XYZ	28.8530, 38.3617, 25.9625
YIQ	157.8230, -13.7040, -26.9840

Conversions

Conversions Part 2

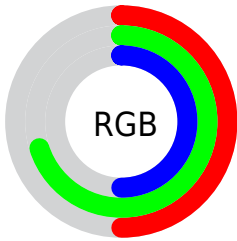
Format	Color
RYB	127, 179, 178
Decimal	8434559
CIELab	68.29, -27.27, 21.30
CIELCh	68, 34.600, 142.002
Yxy	38.3617, 0.3097, 0.4117
Android (android.graphics.Color)	4286624639 (0xFF80B37F)
YUV	157.8230, -15.1957, -26.1548
Hunter-Lab	61.9368, -25.2361, 18.5028

Details

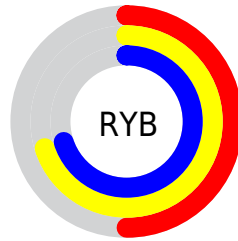
The Hex color **80B37F** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **B27FB3**, and the grayscale version is **9E9E9E**.

A 20% lighter version of the original color is **B6EBB4**, and **4D7E4D** is the 20% darker color. If you saturate the color by 10%, you get **6EB36D**, and if you desaturate by 10%, it is **92B391**.

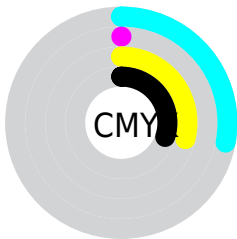
Distribution



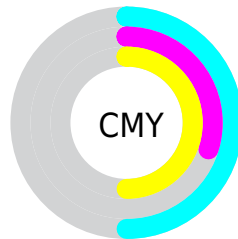
- Red (50%)
- Green (70%)
- Blue (50%)



- Red (50%)
- Yellow (70%)
- Blue (70%)



- Cyan (28%)
- Magenta (0%)
- Yellow (29%)
- Black (30%)



- Cyan (50%)
- Magenta (30%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80B37F 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 80B37F by changing the saturation by 10% instead.



80B37F



80B37F

FFFFFF



669866



B6EBB4



4D7E4D



D2FFD0



346536



EFFFEC



1B4C20



00350A



002100



000000



80B37F



80B37F



6EB36D



92B391

 5DB35B

 A3B3A3

 4BB349

 B5B3B5

 3AB337

 C6B3C7

 28B326

 D8B3D9

 17B314

 E9B3EA

 05B302

 FBB3FC

 03B300

 FFB3FF

Harmonies

Analogous

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



A4AC6C



80B37F



59B79D

Triad

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



80B37F



6DACE4



E49091

Complementary

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



80B37F



B27FB3

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.



DE8FB0



80B37F



9EA1E0

Square

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



80B37F



3DB4D7



C696CD



DA9776

Rectangle

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



80B37F



40B7B2



C696CD



E48F9B

Sweetspot

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



80B37F



D4E8D3



B3B17F



697568



F5F5F5



757575

Same Dimension

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



80B37F



98E897



7FB397



505950



039900



001A00

Inverse Universe

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



B27FB3



E697E8



B37F9B



595059



960099



19001A

Previews

White Background



This preview shows how the Hex color 80B37F looks on a white background.

Color Contrast Check

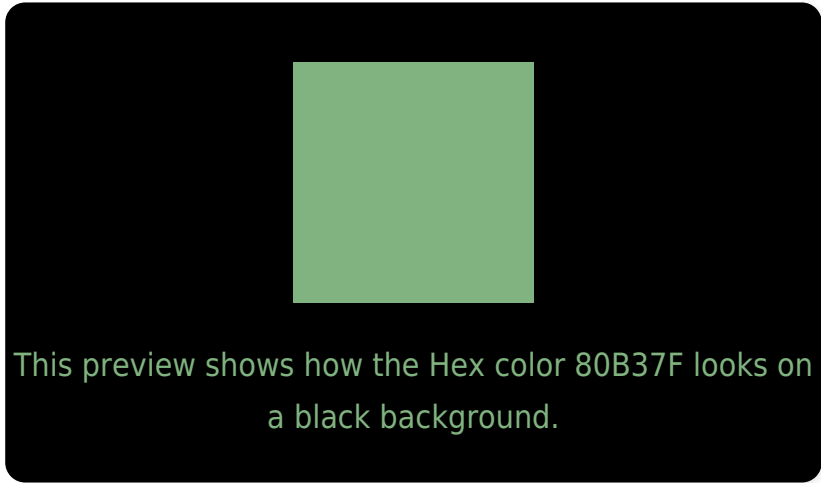
Large Text (above 18pt) WCAG AA × Fail

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

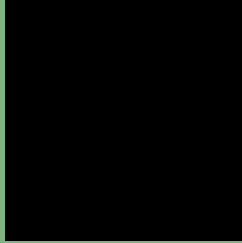
Any Text WCAG AA ✓ Pass

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 80B37F Background



This preview shows how black text looks on a background with the Hex color 80B37F.

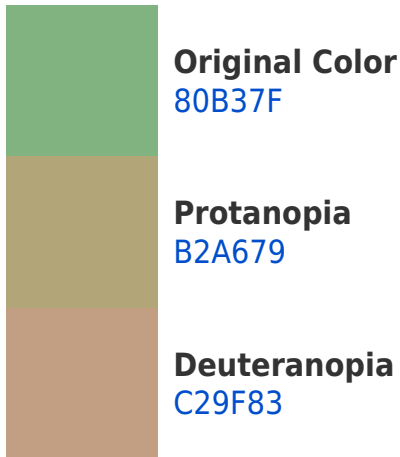


This preview shows how white text looks on a background with the Hex color 80B37F.

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](#).

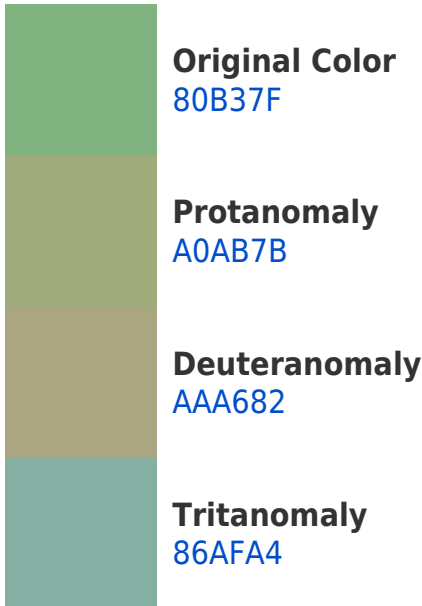
Dichromacy



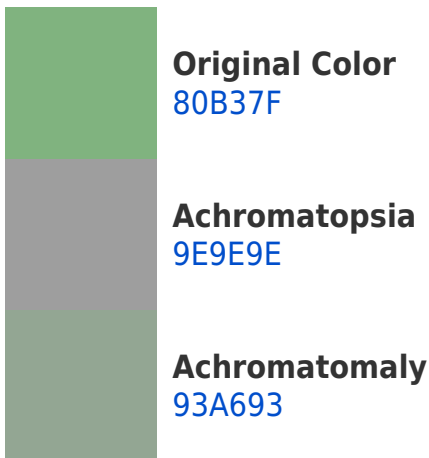


Tritanopia
8AACB9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 80B37F 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 #80B37F looks like.

```
.text, #text, p{  
    color:#80B37F  
}
```

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 #80B37F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80B37F
}
```

Border

The CSS property to change the border of an element to Hex 80B37F 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
#80B37F }
```

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

```
.border{ border-color:#80B37F }
```

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

Here you see how a box with a 4 pixel #80B37F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80B37F; -webkit-box-shadow:4px 4px  
4px 4px #80B37F; box-shadow:4px 4px 4px  
4px #80B37F }
```

Background

The CSS property to change the background color of an element to Hex 80B37F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80B37F }
```

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

```
.background{ background-color:#80B37F }
```

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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