

Converting Colors

Hex(81BA7E)

Have a look what the booklet for
Hex(81BA7E) contains.

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Color

Hex(81BA7E)

Conversions

Conversions Part 1

Format	Color
Hex	81BA7E
RGB	129, 186, 126
RGB Percent	51%, 73%, 49%
CMY	0.4941, 0.2706, 0.5059
CMYK	0.31, 0.00, 0.32, 0.27
HSL	117°, 30%, 61%
HSV	117°, 32%, 73%
XYZ	30.3781, 41.2913, 26.1076
YIQ	162.1170, -14.7120, -30.7440

Conversions

Conversions Part 2

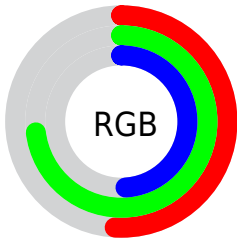
Format	Color
RYB	126, 186, 183
Decimal	8501886
CIELab	70.38, -30.47, 24.68
CIELCh	70, 39.210, 140.993
Yxy	41.2913, 0.3107, 0.4223
Android (android.graphics.Color)	4286691966 (0xFF81BA7E)
YUV	162.1170, -17.8057, -29.0436
Hunter-Lab	64.2583, -28.0663, 20.8918

Details

The Hex color **81BA7E** is a dark color, and the websafe version is hex **99CC99**. A complement of this color would be **B77EBA**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **B7F2B3**, and **4D844C** is the 20% darker color. If you saturate the color by 10%, you get **6FBA6B**, and if you desaturate by 10%, it is **93BA91**.

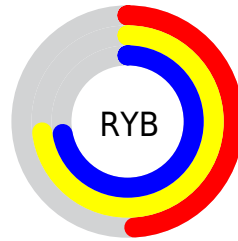
Distribution



Red (51%)

Green (73%)

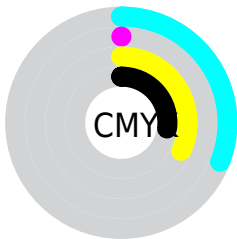
Blue (49%)



Red (49%)

Yellow (73%)

Blue (72%)

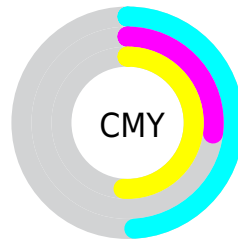


Cyan (31%)

Magenta (0%)

Yellow (32%)

Black (27%)



Cyan (49%)


Magenta (27%)


Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81BA7E 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 81BA7E by changing the saturation by 10% instead.

 81BA7E

 81BA7E

FFFFFF

 679F65

 B7F2B3

 4D844C

 D4FFCF

 346B35

 F0FFEB


 1A521E

 003B08

 002500

 000300

 000000

 81BA7E

 81BA7E

 6FBA6B

 93BA91

 5EBA59

 A4BAA3

 4CBA46

 B6BAB6

 3ABA34

 C8BAC8

 29BA21

 D9BADB

 17BA0E

 EBBAEE

 09BA00

 FDBAFF

 FFBAFF

Harmonies

Analogous

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



AAB268



81BA7E



51BEA0

Triad

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



81BA7E



64B3F2



F29194

Complementary

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



81BA7E



B77EBA

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.



EA91B8



81BA7E



A0A7EE

Square

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



81BA7E



17BBE2



CE9AD9



E69A76

Rectangle

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



81BA7E



29BFB8



CE9AD9



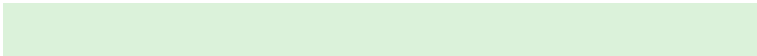
F190A0

Sweetspot

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



81BA7E



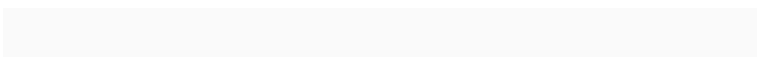
DBF2DA



BAB77E



6C7A6C



FAFAFA



7A7A7A

Same Dimension

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



81BA7E



98F294



7EBA99



535C53



089C00



011C00

Inverse Universe

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



B77EBA



EE94F2



BA7E9F



5B535C



94009C



1B001C

Previews

White Background



This preview shows how the Hex color 81BA7E looks on a white background.

Color Contrast Check

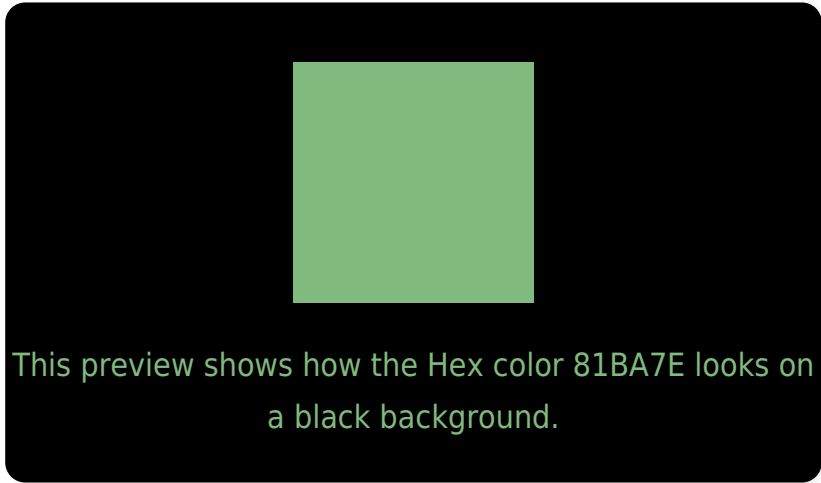
Large Text (above 18pt) WCAG AA × Fail

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 81BA7E Background



This preview shows how black text looks on a background with the Hex color 81BA7E.

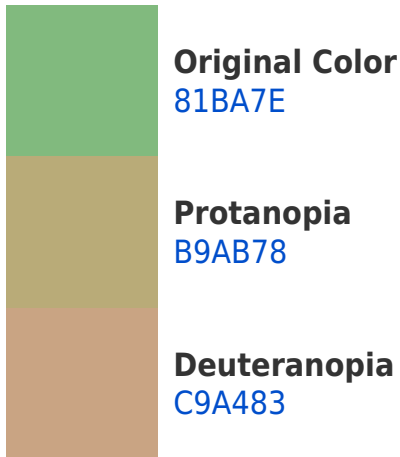


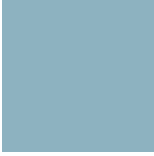
This preview shows how white text looks on a background with the Hex color 81BA7E.

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](#).

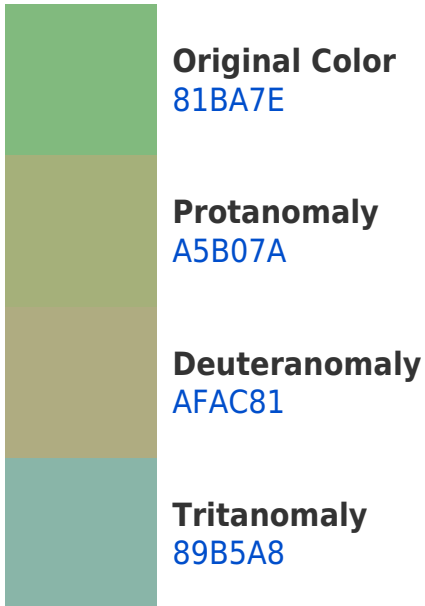
Dichromacy



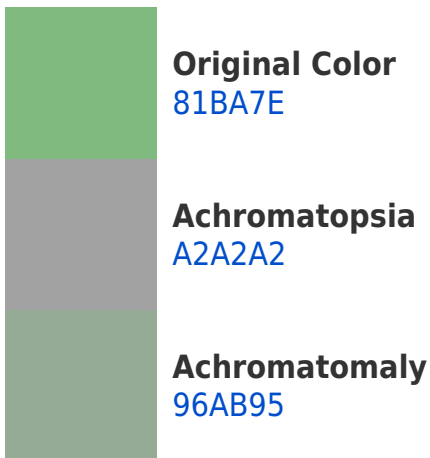


Tritanopia
8DB2C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81BA7E 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 #81BA7E looks like.

```
.text, #text, p{  
    color:#81BA7E  
}
```

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 #81BA7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81BA7E
}
```

Border

The CSS property to change the border of an element to Hex 81BA7E 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
#81BA7E }
```

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

```
.border{ border-color:#81BA7E }
```

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

Here you see how a box with a 4 pixel #81BA7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81BA7E; -webkit-box-shadow:4px 4px  
4px 4px #81BA7E; box-shadow:4px 4px 4px  
4px #81BA7E }
```

Background

The CSS property to change the background color of an element to Hex 81BA7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81BA7E }
```

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

```
.background{ background-color:#81BA7E }
```

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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