

Converting Colors

Hex(81A27B)

Have a look what the booklet for
Hex(81A27B) contains.

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Color

Hex(81A27B)

Conversions

Conversions Part 1

Format	Color
Hex	81A27B
RGB	129, 162, 123
RGB Percent	51%, 64%, 48%
CMY	0.4941, 0.3647, 0.5176
CMYK	0.20, 0.00, 0.24, 0.36
HSL	111°, 17%, 56%
HSV	111°, 24%, 64%
XYZ	25.5487, 31.9378, 23.5570
YIQ	147.6870, -7.1490, -19.1250

Conversions

Conversions Part 2

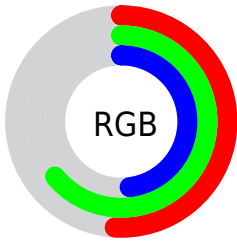
Format	Color
RYB	123, 162, 156
Decimal	8495739
CIELab	63.29, -19.09, 16.64
CIELCh	63, 25.325, 138.911
Yxy	31.9378, 0.3152, 0.3941
Android (android.graphics.Color)	4286685819 (0xFF81A27B)
YUV	147.6870, -12.1707, -16.3885
Hunter-Lab	56.5136, -18.2022, 14.8452

Details

The Hex color **81A27B** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9C7BA2**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **B6D9B0**, and **4F6E4A** is the 20% darker color. If you saturate the color by 10%, you get **73A26B**, and if you desaturate by 10%, it is **8FA28B**.

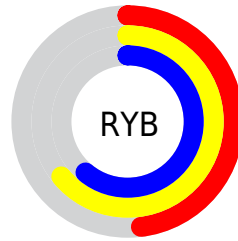
Distribution



Red (51%)

Green (64%)

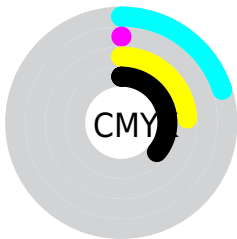
Blue (48%)



Red (48%)

Yellow (64%)

Blue (61%)

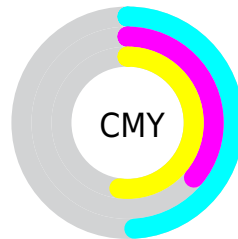


Cyan (20%)

Magenta (0%)

Yellow (24%)

Black (36%)



Cyan (49%)

Magenta (36%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81A27B 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 81A27B by changing the saturation by 10% instead.

 81A27B

 81A27B

FFFFFF

 688862

 B6D9B0

 4F6E4A

 D2F5CB

 375633

 EFFF7

 213E1E

 0B2806

 001400

 000000

 81A27B

 81A27B

 73A26B

 8FA28B

 66A25B

 9CA29B

 58A24A

 AAA2AC

 4AA23A


 B8A2BC

 3CA22A

 C6A2CC

 2FA21A

 D3A2DC

 21A20A

 E1A2EC

 19A200

 EFA2FD

 FCA2FF

Harmonies

Analogous

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



9B9C6E



81A27B



68A590

Triad

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



81A27B



719EC5



C7898C

Complementary

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



81A27B



9C7BA2

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.



C189A3



81A27B



9196C4

Square

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



81A27B



59A3BA



AE8FB7



C18E78

Rectangle

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



81A27B



5AA69F



AE8FB7



C68993

Sweetspot

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



81A27B



C7D4C5



A29B7B



646B63



EBEBEB



6B6B6B

Same Dimension

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



81A27B



A0D496



7BA288



4B5249



169100



031200

Inverse Universe

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



9C7BA2



CA96D4



A27B95



504952



7B0091



0F0012

Previews

White Background



This preview shows how the Hex color 81A27B looks on a white background.

Color Contrast Check

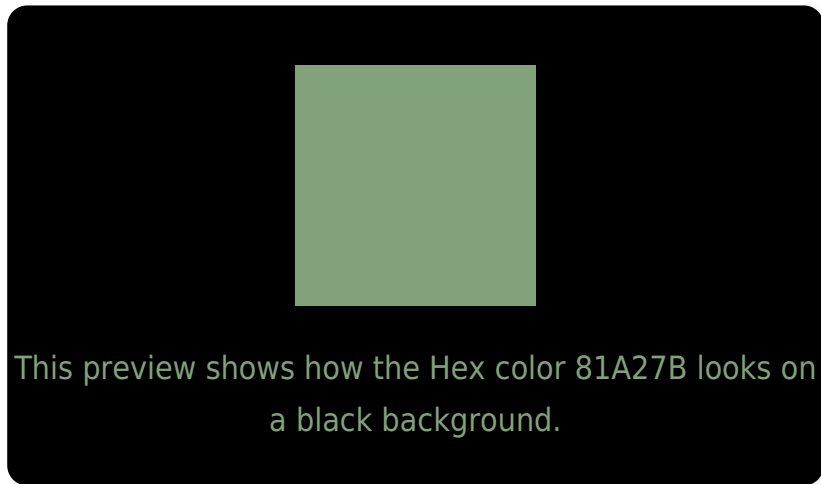
Large Text (above 18pt) WCAG AA × Fail

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

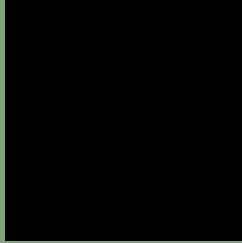
Any Text WCAG AA ✓ Pass

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 81A27B Background



This preview shows how black text looks on a background with the Hex color 81A27B.



This preview shows how white text looks on a background with the Hex color 81A27B.

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](#).

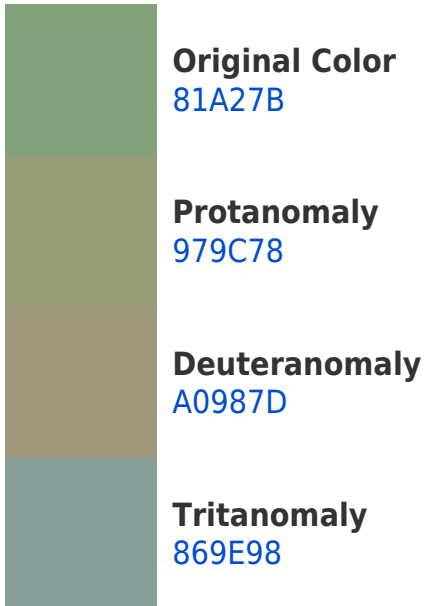
Dichromacy



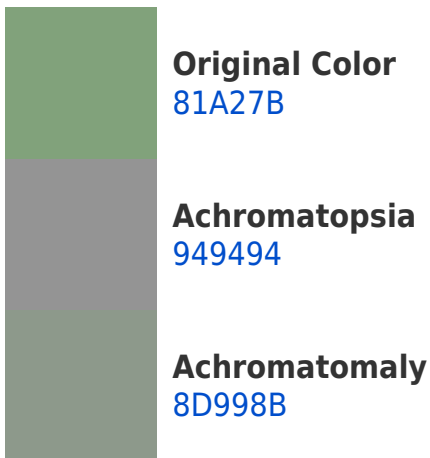


Tritanopia
899CA8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81A27B 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 #81A27B looks like.

```
.text, #text, p{  
    color:#81A27B  
}
```

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 #81A27B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81A27B
}
```

Border

The CSS property to change the border of an element to Hex 81A27B 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
#81A27B }
```

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

```
.border{ border-color:#81A27B }
```

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

Here you see how a box with a 4 pixel #81A27B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81A27B; -webkit-box-shadow:4px 4px  
4px 4px #81A27B; box-shadow:4px 4px 4px  
4px #81A27B }
```

Background

The CSS property to change the background color of an element to Hex 81A27B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81A27B }
```

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

```
.background{ background-color:#81A27B }
```

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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