

# Converting Colors

Hex(81AD97)

Have a look what the booklet for  
Hex(81AD97) contains.

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# **Color**

**Hex(81AD97)**

# Conversions

## Conversions Part 1

Format	Color
Hex	81AD97
RGB	129, 173, 151
RGB Percent	51%, 68%, 59%
CMY	0.4941, 0.3216, 0.4078
CMYK	0.25, 0.00, 0.13, 0.32
HSL	150°, 21%, 59%
HSV	150°, 25%, 68%
XYZ	29.5827, 36.7886, 34.8199
YIQ	157.3360, -19.1620, -16.1700

# Conversions

## Conversions Part 2

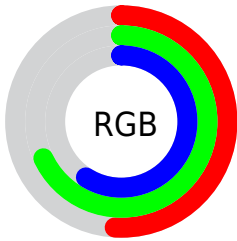
Format	Color
<a href="#">RYB</a>	<a href="#">129, 158, 173</a>
Decimal	<a href="#">8498583</a>
CIELab	<a href="#">67.12, -19.42, 6.54</a>
CIELCh	<a href="#">67, 20.492, 161.393</a>
Yxy	<a href="#">36.7886, 0.2923, 0.3636</a>
Android (android.graphics.Color)	<a href="#">4286688663</a> ( <a href="#">0xFF81AD97</a> )
YUV	<a href="#">157.3360, -3.1236, -24.8507</a>
Hunter-Lab	<a href="#">60.6536, -19.0836, 8.4205</a>

# Details

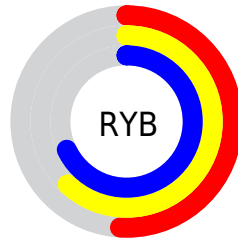
The Hex color **81AD97** is a light color, and the websafe version is hex **669999**. A complement of this color would be **AD8197**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **B7E5CD**, and **4E7864** is the 20% darker color. If you saturate the color by 10%, you get **70AD8E**, and if you desaturate by 10%, it is **92ADA0**.

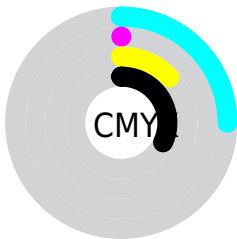
# Distribution



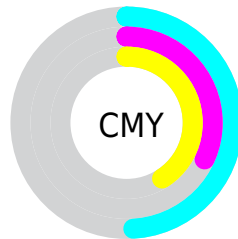
- Red (51%)
- Green (68%)
- Blue (59%)



- Red (51%)
- Yellow (62%)
- Blue (68%)



- Cyan (25%)
- Magenta (0%)
- Yellow (13%)
- Black (32%)



- Cyan (49%)
- Magenta (32%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 81AD97 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 81AD97 by changing the saturation by 10% instead.





81AD97



81AD97

FFFFFF



67927D



B7E5CD



4E7864



D3FFE9



36604C



EFFFFFF



1F4836



063120



001D09



000000



81AD97



81AD97



70AD8E



92ADA0

 5EAD86

 A4ADA8

 4DAD7D

 B5ADB1

 3CAD74

 C6ADBA

 2AAD6C

 D8ADC2

 19AD63

 E9ADCB

 08AD5A

 FAADD4

 00AD57

 FFADDC

 FFADE5

# Harmonies

## Analogous

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



95AA87



81AD97



73AEAA

# Triad

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



81AD97



97A3C7



C7998C

# Complementary

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



81AD97



AD8197

# 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.



C9969D



81AD97



AF9CBF

# Square

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



81AD97



80A8C6



C198B0



BC9E81

# Rectangle

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



81AD97



70ADB6



C198B0



C99891



# Sweetspot

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



81AD97



CEE0D7



97AD81



65706B



F0F0F0



707070



# Same Dimension

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



81AD97



9BE0BE



81ADAD



4E5752



00964B



00170B



# Inverse Universe

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



AD8197



E09BBE



AD8181



574E52



96004B

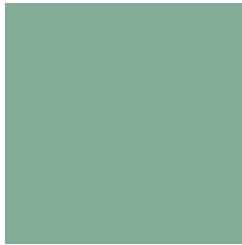


17000B



# Previews

## White Background



This preview shows how the Hex color 81AD97 looks on a white background.

## Color Contrast Check

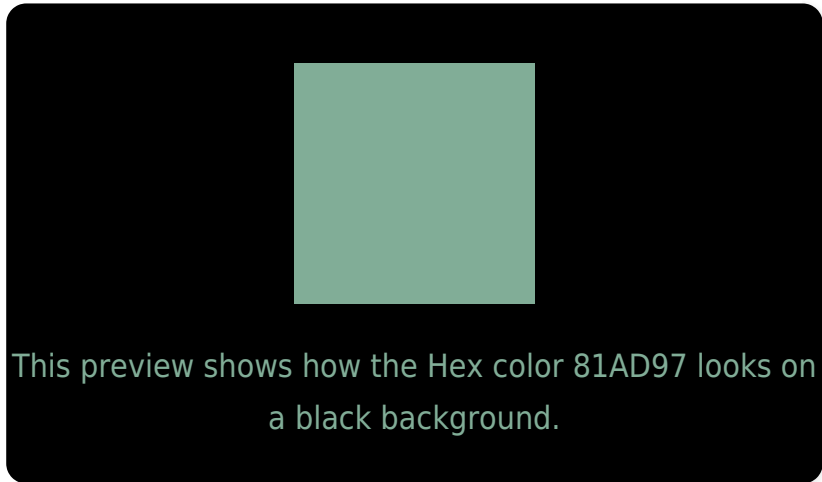
Large Text (above 18pt) WCAG AA × Fail

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

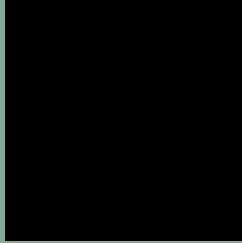
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 81AD97 Background



This preview shows how black text looks on a background with the Hex color 81AD97.

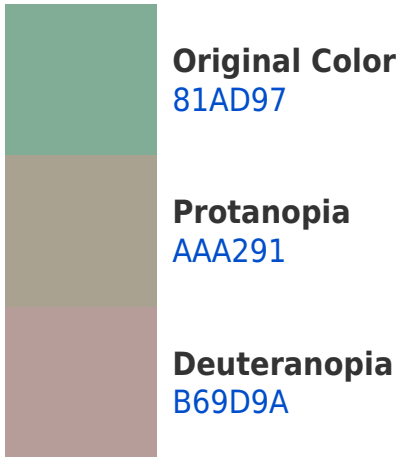


This preview shows how white text looks on a background with the Hex color 81AD97.

# 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](#).

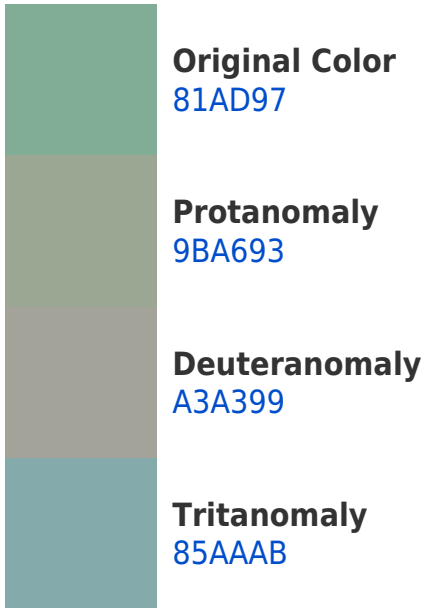
## Dichromacy



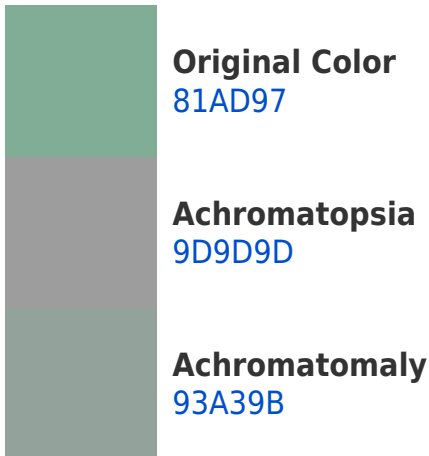


**Tritanopia**  
87A9B6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 81AD97 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 #81AD97 looks like.

```
.text, #text, p{  
    color:#81AD97  
}
```

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 #81AD97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81AD97
}
```

## Border

The CSS property to change the border of an element to Hex 81AD97 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
#81AD97 }
```

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

```
.border{ border-color:#81AD97 }
```

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

Here you see how a box with a 4 pixel #81AD97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81AD97; -webkit-box-shadow:4px 4px  
4px 4px #81AD97; box-shadow:4px 4px 4px  
4px #81AD97 }
```

# Background

The CSS property to change the background color of an element to Hex 81AD97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81AD97 }
```

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

```
.background{ background-color:#81AD97 }
```

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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