

# Converting Colors

Hex(81AD88)

Have a look what the booklet for  
Hex(81AD88) contains.

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# **Color**

**Hex(81AD88)**

# Conversions

## Conversions Part 1

Format	Color
Hex	81AD88
RGB	129, 173, 136
RGB Percent	51%, 68%, 53%
CMY	0.4941, 0.3216, 0.4667
CMYK	0.25, 0.00, 0.21, 0.32
HSL	130°, 21%, 59%
HSV	130°, 25%, 68%
XYZ	28.4408, 36.3318, 28.8063
YIQ	155.6260, -14.3470, -20.8350

# Conversions

## Conversions Part 2

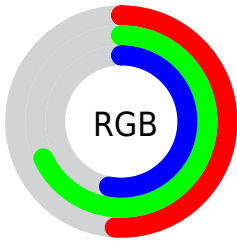
Format	Color
<a href="#">RYB</a>	<a href="#">129, 167, 173</a>
Decimal	<a href="#">8498568</a>
CIELab	<a href="#">66.77, -22.35, 14.32</a>
CIElCh	<a href="#">67, 26.543, 147.353</a>
Yxy	<a href="#">36.3318, 0.3039, 0.3882</a>
Android (android.graphics.Color)	<a href="#">4286688648 (0xFF81AD88)</a>
YUV	<a href="#">155.6260, -9.6756, -23.3510</a>
Hunter-Lab	<a href="#">60.2759, -21.2588, 13.8580</a>

# Details

The Hex color **81AD88** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **AD81A6**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **B7E5BD**, and **4E7856** is the 20% darker color. If you saturate the color by 10%, you get **70AD79**, and if you desaturate by 10%, it is **92AD97**.

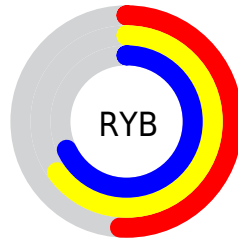
# Distribution



Red (51%)

Green (68%)

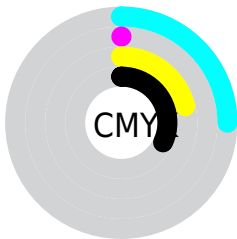
Blue (53%)



Red (51%)

Yellow (65%)

Blue (68%)

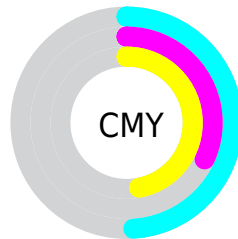


Cyan (25%)

Magenta (0%)

Yellow (21%)

Black (32%)



Cyan (49%)

Magenta (32%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 81AD88 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 81AD88 by changing the saturation by 10% instead.





81AD88



81AD88

FFFFFF



67926F



B7E5BD



4E7856



D3FFD9



365F3F



FFFFFF6



1F4729



063114



001D00



000000



81AD88



81AD88



70AD79



92AD97

 5EAD6B

 A4ADA5

 4DAD5C

 B5ADB4

 3CAD4E

 C6ADC2

 2AAD3F

 D8ADD1

 19AD31

 E9ADDF

 08AD22

 FAADEE

 00AD1C

 FFADFC

 FFADFF

# Harmonies

## Analogous

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



9DA878



81AD88



67B09F

# Triad

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



81AD88



81A5D2



D2928E

# Complementary

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



81AD88



AD81A6

# 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.



CF91A5



81AD88



A39DCD

# Square

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



81AD88



63ACCA



BF95BD



C9987B

# Rectangle

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



81AD88



5CB0B0



BF95BD



D39195



# Sweetspot

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



81AD88



CEE0D1



A6AD81



657067



F0F0F0



707070



# Same Dimension

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



81AD88



9BE0A6



81AD9E



4E574F



009618



001704



# Inverse Universe

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



AD81A6



E09BD5



AD8190



574E55



96007F



170013



# Previews

## White Background



This preview shows how the Hex color 81AD88 looks on a white background.

## Color Contrast Check

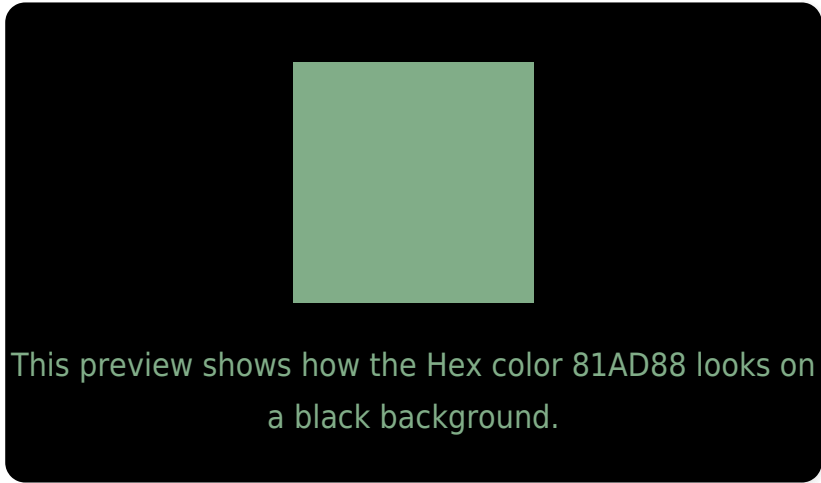
Large Text (above 18pt) WCAG AA × Fail

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

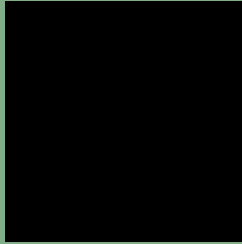
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 81AD88 Background



This preview shows how black text looks on a background with the Hex color 81AD88.

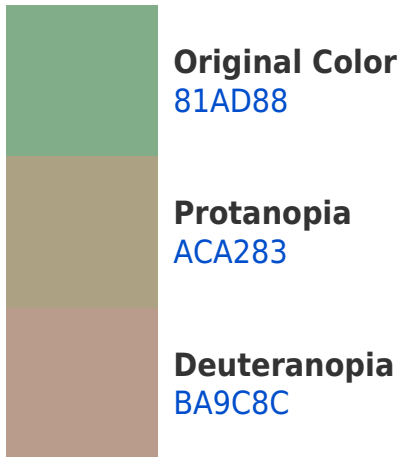


This preview shows how white text looks on a background with the Hex color 81AD88.

# 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](#).

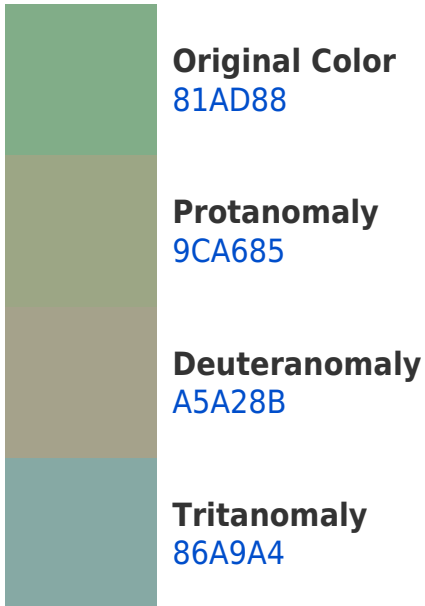
## Dichromacy



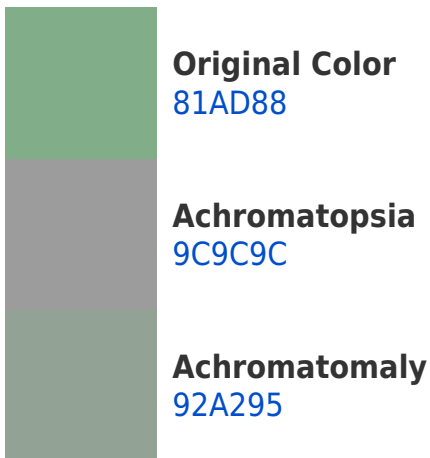


**Tritanopia**  
89A7B4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 81AD88 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 #81AD88 looks like.

```
.text, #text, p{  
    color:#81AD88  
}
```

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 #81AD88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81AD88
}
```

## Border

The CSS property to change the border of an element to Hex 81AD88 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
#81AD88 }
```

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

```
.border{ border-color:#81AD88 }
```

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

Here you see how a box with a 4 pixel #81AD88 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81AD88; -webkit-box-shadow:4px 4px  
4px 4px #81AD88; box-shadow:4px 4px 4px  
4px #81AD88 }
```

# Background

The CSS property to change the background color of an element to Hex 81AD88 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81AD88 }
```

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

```
.background{ background-color:#81AD88 }
```

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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