

# Converting Colors

Hex(81E0AD)

Have a look what the booklet for  
Hex(81E0AD) contains.

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**Color**

**Hex(81E0AD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	81E0AD
RGB	129, 224, 173
RGB Percent	51%, 88%, 68%
CMY	0.4941, 0.1216, 0.3216
CMYK	0.42, 0.00, 0.23, 0.12
HSL	148°, 61%, 69%
HSV	148°, 42%, 88%
XYZ	43.2517, 60.9956, 49.0289
YIQ	189.7810, -40.2490, -36.0010

# Conversions

## Conversions Part 2

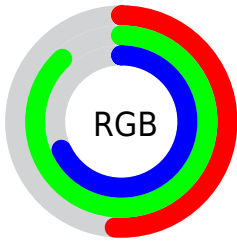
<b>Format</b>	<b>Color</b>
<b>RYB</b>	129, 194, 224
Decimal	8511661
CIELab	82.38, -39.45, 16.32
CIELCh	82, 42.694, 157.527
Yxy	60.9956, 0.2822, 0.3979
Android (android.graphics.Color)	4286701741 (0xFF81E0AD)
YUV	189.7810, -8.2730, -53.3049
Hunter-Lab	78.0997, -37.8208, 17.4491

# Details

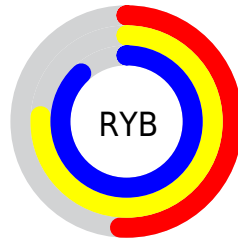
The Hex color **81E0AD** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **E081B4**, and the grayscale version is **BEBEBE**.

A 20% lighter version of the original color is **BAFFE5**, and **49A879** is the 20% darker color. If you saturate the color by 10%, you get **6BE0A1**, and if you desaturate by 10%, it is **97E0B9**.

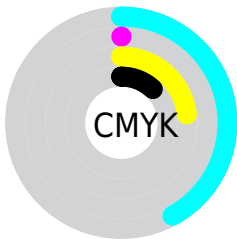
# Distribution



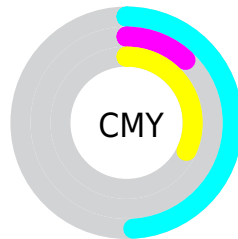
- Red (51%)
- Green (88%)
- Blue (68%)



- Red (51%)
- Yellow (76%)
- Blue (88%)



- Cyan (42%)
- Magenta (0%)
- Yellow (23%)
- Black (12%)



- Cyan (49%)
- Magenta (12%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 81E0AD 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 81E0AD by changing the saturation by 10% instead.



 81E0AD

 81E0AD

FFFFFF

 65C492

 BAFFE5

 49A879

 D6FFFF

 2B8D60

 F4FFFF

 007348

 005A31

 00421B

 002B03

 000F00

 000000

 81E0AD

 81E0AD

 6BE0A1

 97E0B9

 54E095

 AEE0C5

 3EE089

 C4E0D1

 27E07D

 DBE0DD

 11E071

 F1E0E9

 00E068

 FFE0F5

 FFE0FF

# Harmonies

## Analogous

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



B2D98C



81E0AD



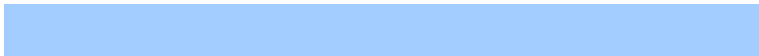
4AE3D6

# Triad

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



81E0AD



A4CDFE



FFB39E

# Complementary

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



81E0AD



E081B4

# 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.



FFAEC4



81E0AD



DFBFFF

# Square

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



81E0AD



5ED9FF



FFB2EC



FFC084

# Rectangle

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



81E0AD



28E2F1



FFB2EC



FFB1AA

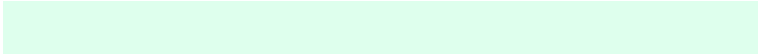


# Sweetspot

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



81E0AD



DEFFED



B5E081



6B8075



000000



808080



# Same Dimension

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



81E0AD



7DFFB9



81E0DB



65706A



00B051



003016



# Inverse Universe

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



E081B4



FF7DC3



E08186



70656B



B0005E



30001A



# Previews

## White Background



This preview shows how the Hex color 81E0AD looks on a white background.

## Color Contrast Check

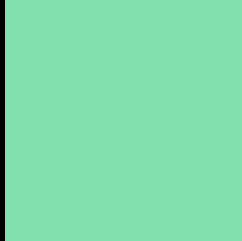
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 81E0AD looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

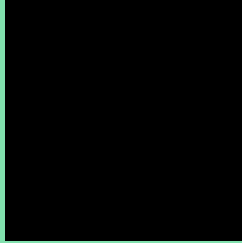
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 81E0AD Background



This preview shows how black text looks on a background with the Hex color 81E0AD.

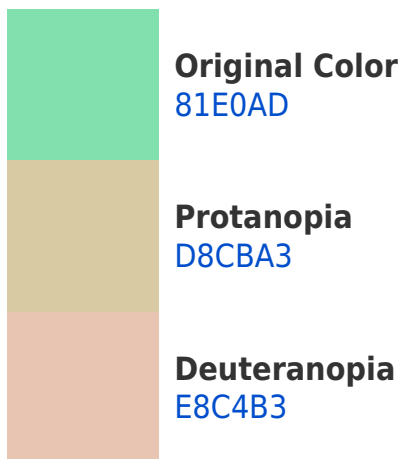


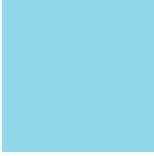
This preview shows how white text looks on a background with the Hex color 81E0AD.

# 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



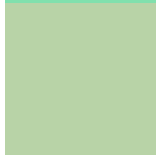


**Tritanopia**  
8FD8E9

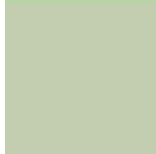
# Trichromacy



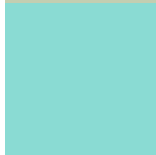
**Original Color**  
81E0AD



**Protanomaly**  
B8D3A7



**Deuteranomaly**  
C3CEB1



**Tritanomaly**  
8ADBD3

# Monochromacy



**Original Color**  
81E0AD



**Achromatopsia**  
BEBEBE



**Achromatomaly**  
A8CAB8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 81E0AD 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 #81E0AD looks like.

```
.text, #text, p{  
    color:#81E0AD  
}
```

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 #81E0AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81E0AD
}
```

## Border

The CSS property to change the border of an element to Hex 81E0AD 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
#81E0AD }
```

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

```
.border{ border-color:#81E0AD }
```

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

Here you see how a box with a 4 pixel #81E0AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81E0AD; -webkit-box-shadow:4px 4px  
4px 4px #81E0AD; box-shadow:4px 4px 4px  
4px #81E0AD }
```

# Background

The CSS property to change the background color of an element to Hex 81E0AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81E0AD }
```

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

```
.background{ background-color:#81E0AD }
```

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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