

# Converting Colors

Hex(81CA97)

Have a look what the booklet for  
Hex(81CA97) contains.

<b>Hex(81CA97)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(81CA97)**

# Conversions

## Conversions Part 1

Format	Color
Hex	81CA97
RGB	129, 202, 151
RGB Percent	51%, 79%, 59%
CMY	0.4941, 0.2078, 0.4078
CMYK	0.36, 0.00, 0.25, 0.21
HSL	138°, 41%, 65%
HSV	138°, 36%, 79%
XYZ	35.7597, 49.1426, 36.8789
YIQ	174.3590, -27.1370, -31.3370

# Conversions

## Conversions Part 2

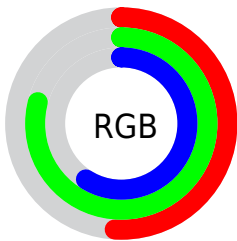
Format	Color
R <sub>YB</sub>	129, 185, 202
Decimal	8506007
CIE Lab	75.54, -33.61, 18.41
CIE LCh	76, 38.326, 151.283
Yxy	49.1426, 0.2936, 0.4035
Android (android.graphics.Color)	4286696087 (0xFF81CA97)
YUV	174.3590, -11.5160, -39.7798
Hunter-Lab	70.1017, -31.6232, 17.8801

# Details

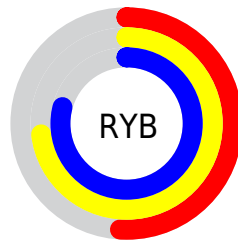
The Hex color **81CA97** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **CA81B4**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **B8FFCD**, and **4C9364** is the 20% darker color. If you saturate the color by 10%, you get **6DCA89**, and if you desaturate by 10%, it is **95CAA5**.

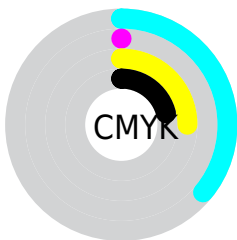
# Distribution



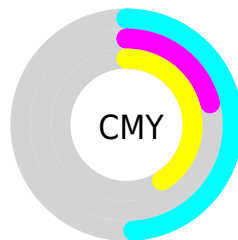
- Red (51%)
- Green (79%)
- Blue (59%)



- Red (51%)
- Yellow (73%)
- Blue (79%)



- Cyan (36%)
- Magenta (0%)
- Yellow (25%)
- Black (21%)



- Cyan (49%)
- Magenta (21%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 81CA97 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 81CA97 by changing the saturation by 10% instead.





81CA97



81CA97

FFFFFF



66AE7D



B8FFCD



4C9364



D4FFEA



31794C



F1FFFF



136035



00481F



003008



001C00



000000



81CA97



81CA97

 6DCA89

 95CAA5

 59CA7B

 A9CAB3

 44CA6D

 BECAC1

 30CA5F

 D2CACF

 1CCA50

 E6CADE

 08CA42

 FACAEC

 00CA3D

 FFCAFA

 FFCAFF

# Harmonies

## Analogous

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



ABC37D



81CA97



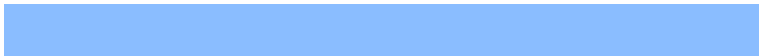
53CDBA

# Triad

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



81CA97



8ABDFF



FEA297

# Complementary

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



81CA97



CA81B4

# 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.



FD9FBA



81CA97



C0B0F6

# Square

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



81CA97



50C7F7



E8A5DD



EDAC7D

# Rectangle

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



81CA97



38CDD3



E8A5DD



FFA0A2

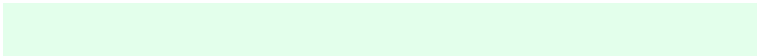


# Sweetspot

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



81CA97



E3FFEB



B4CA81



6F8074



000000



808080

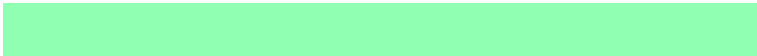


# Same Dimension

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



81CA97



91FFB2



81CABB



5C665F



00A632



00260C



# Inverse Universe

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



CA81B4



FF91DE



CA8190



665C63



A60074



26001B



# Previews

## White Background



This preview shows how the Hex color 81CA97 looks on a white background.

## Color Contrast Check

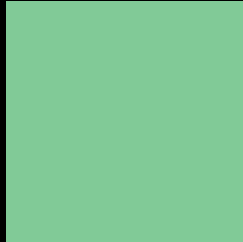
Large Text (above 18pt) WCAG AA × Fail

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 81CA97 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

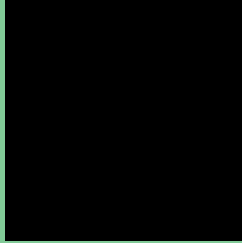
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 81CA97 Background



This preview shows how black text looks on a background with the Hex color 81CA97.

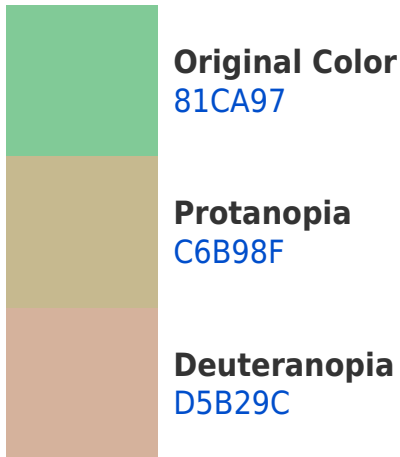


This preview shows how white text looks on a background with the Hex color 81CA97.

# 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](#).

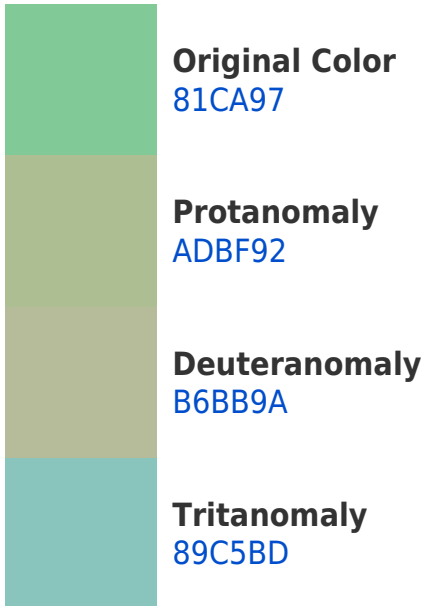
## Dichromacy



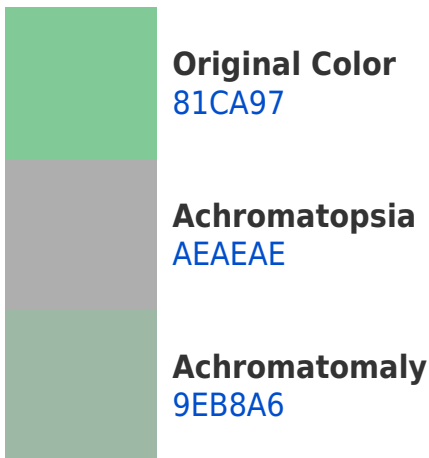


**Tritanopia**  
8DC2D2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 81CA97 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 #81CA97 looks like.

```
.text, #text, p{  
    color:#81CA97  
}
```

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 #81CA97 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81CA97
}
```

## Border

The CSS property to change the border of an element to Hex 81CA97 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
#81CA97 }
```

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

```
.border{ border-color:#81CA97 }
```

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

Here you see how a box with a 4 pixel #81CA97 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81CA97; -webkit-box-shadow:4px 4px  
4px 4px #81CA97; box-shadow:4px 4px 4px  
4px #81CA97 }
```

# Background

The CSS property to change the background color of an element to Hex 81CA97 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81CA97 }
```

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

```
.background{ background-color:#81CA97 }
```

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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