

Converting Colors

Hex(81C9A6)

Have a look what the booklet for
Hex(81C9A6) contains.

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Color

Hex(81C9A6)

Conversions

Conversions Part 1

Format	Color
Hex	81C9A6
RGB	129, 201, 166
RGB Percent	51%, 79%, 65%
CMY	0.4941, 0.2118, 0.3490
CMYK	0.36, 0.00, 0.17, 0.21
HSL	151°, 40%, 65%
HSV	151°, 36%, 79%
XYZ	36.8228, 49.1936, 43.6309
YIQ	175.4820, -31.6770, -26.1490

Conversions

Conversions Part 2

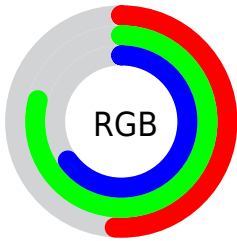
Format	Color
RYB	129, 177, 201
Decimal	8505766
CIELab	75.57, -30.21, 10.43
CIELCh	76, 31.957, 160.945
Yxy	49.1936, 0.2840, 0.3794
Android (android.graphics.Color)	4286695846 (0xFF81C9A6)
YUV	175.4820, -4.6746, -40.7647
Hunter-Lab	70.1381, -29.0284, 12.2141

Details

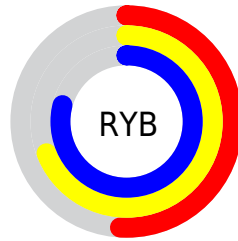
The Hex color **81C9A6** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C981A4**, and the grayscale version is **B0B0B0**.

A 20% lighter version of the original color is **B8FFDD**, and **4C9372** is the 20% darker color. If you saturate the color by 10%, you get **6DC99C**, and if you desaturate by 10%, it is **95C9B0**.

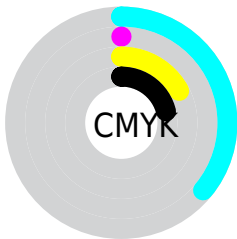
Distribution



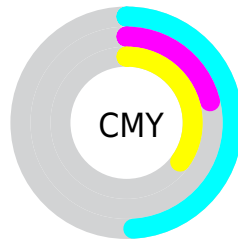
- Red (51%)
- Green (79%)
- Blue (65%)



- Red (51%)
- Yellow (69%)
- Blue (79%)



- Cyan (36%)
- Magenta (0%)
- Yellow (17%)
- Black (21%)



- Cyan (49%)
- Magenta (21%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81C9A6 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 81C9A6 by changing the saturation by 10% instead.



81C9A6



81C9A6

FFFFFF



66AD8C



B8FFDD



4C9372



D4FFFA



31795A



F1FFFF



145F42



00472C



003017



001C00



000000



81C9A6



81C9A6

 6DC99C

 95C9B0

 59C992

 A9C9BA

 45C989

 BDC9C3

 31C97F

 D1C9CD

 1DC975

 E6C9D7

 08C96B

 FAC9E1

 00C967

 FFC9EA

 FFC9F4

 FFC9FE

Harmonies

Analogous

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



A3C48D



81C9A6



64CBC4

Triad

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



81C9A6



A4B9F4



F1A995

Complementary

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



81C9A6



C981A4

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.



F5A4B0



81C9A6



CCAFE7

Square

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



81C9A6



79C2F1



E8A7CE



DFB283

Rectangle

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



81C9A6



5BCAD7



E8A7CE



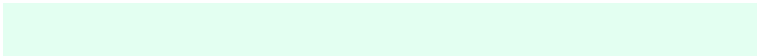
F4A79D

Sweetspot

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



81C9A6



E3FFF1



A5C981



6F8077



000000



808080

Same Dimension

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



81C9A6



91FFCA



81C9C9



5A635F



00A354



002412

Inverse Universe

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



C981A4



FF91C7



C98181



635A5E



A3004F



240011

Previews

White Background



This preview shows how the Hex color 81C9A6 looks on a white background.

Color Contrast Check

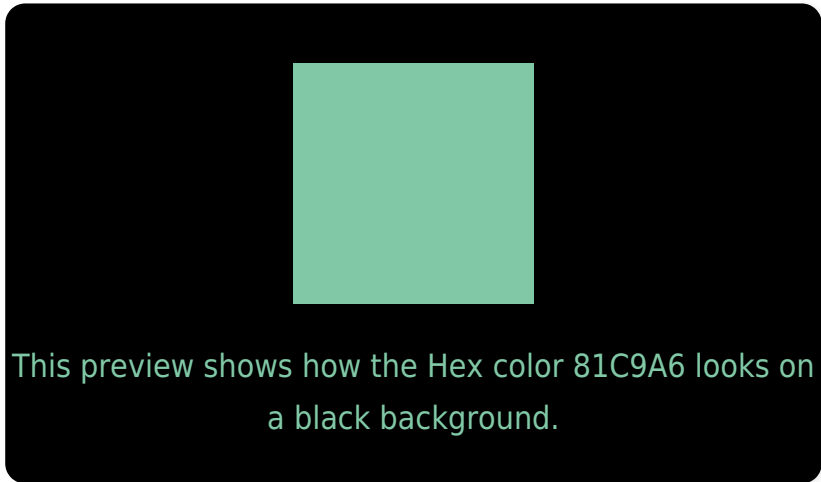
Large Text (above 18pt) WCAG AA × Fail

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

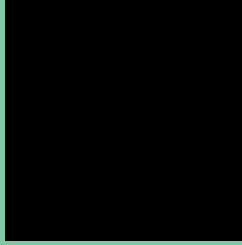
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

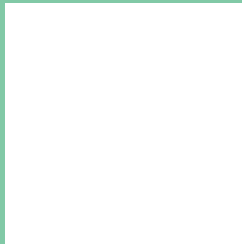
Any Text WCAG AAA ✓ Pass

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

Hex 81C9A6 Background



This preview shows how black text looks on a background with the Hex color 81C9A6.

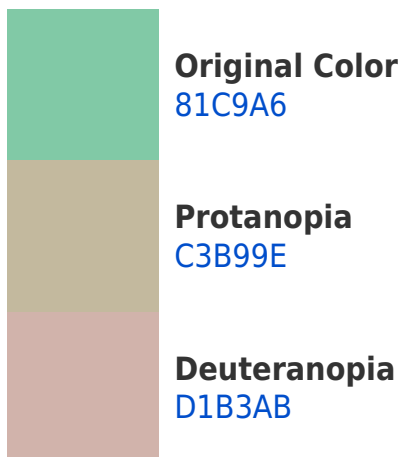


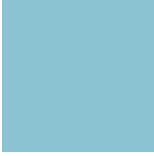
This preview shows how white text looks on a background with the Hex color 81C9A6.

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](#).

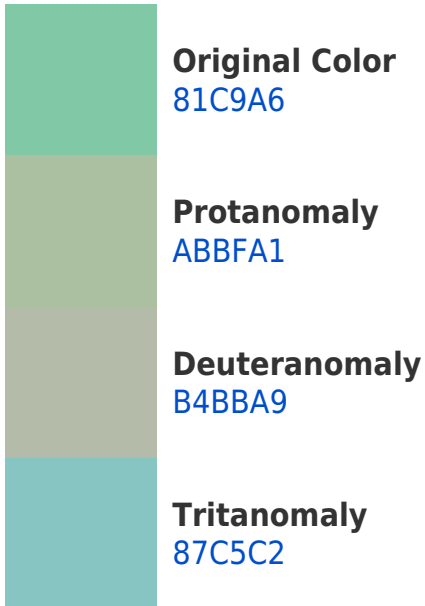
Dichromacy



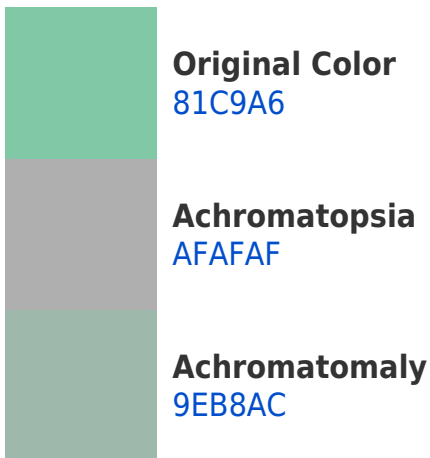


Tritanopia
8BC3D2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81C9A6 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 #81C9A6 looks like.

```
.text, #text, p{  
    color:#81C9A6  
}
```

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 #81C9A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81C9A6
}
```

Border

The CSS property to change the border of an element to Hex 81C9A6 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
#81C9A6 }
```

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

```
.border{ border-color:#81C9A6 }
```

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

Here you see how a box with a 4 pixel #81C9A6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81C9A6; -webkit-box-shadow:4px 4px  
4px 4px #81C9A6; box-shadow:4px 4px 4px  
4px #81C9A6 }
```

Background

The CSS property to change the background color of an element to Hex 81C9A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81C9A6 }
```

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

```
.background{ background-color:#81C9A6 }
```

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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