

Converting Colors

Hex(81C0A3)

Have a look what the booklet for
Hex(81C0A3) contains.

Hex(81C0A3)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(81C0A3)

Conversions

Conversions Part 1

Format	Color
Hex	81C0A3
RGB	129, 192, 163
RGB Percent	51%, 75%, 64%
CMY	0.4941, 0.2471, 0.3608
CMYK	0.33, 0.00, 0.15, 0.25
HSL	152°, 33%, 63%
HSV	152°, 33%, 75%
XYZ	34.5138, 45.0107, 41.5192
YIQ	169.8570, -28.2390, -22.3750

Conversions

Conversions Part 2

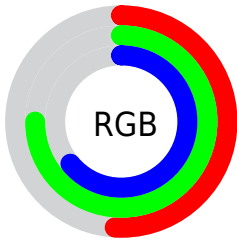
Format	Color
RYB	129, 170, 192
Decimal	8503459
CIELab	72.90, -26.47, 8.24
CIELCh	73, 27.724, 162.702
Yxy	45.0107, 0.2851, 0.3719
Android (android.graphics.Color)	4286693539 (0xFF81C0A3)
YUV	169.8570, -3.3805, -35.8316
Hunter-Lab	67.0900, -25.5802, 10.2709

Details

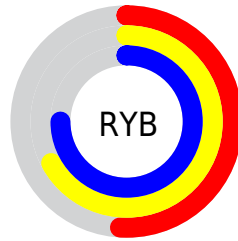
The Hex color **81C0A3** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C0819E**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **B8F9DA**, and **4D8A6F** is the 20% darker color. If you saturate the color by 10%, you get **6EC09A**, and if you desaturate by 10%, it is **94C0AC**.

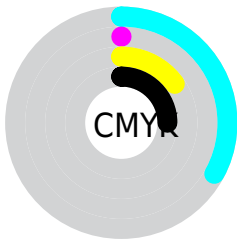
Distribution



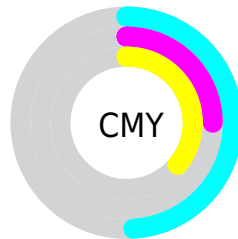
- Red (51%)
- Green (75%)
- Blue (64%)



- Red (51%)
- Yellow (67%)
- Blue (75%)



- Cyan (33%)
- Magenta (0%)
- Yellow (15%)
- Black (25%)



- Cyan (49%)
- Magenta (25%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81C0A3 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 81C0A3 by changing the saturation by 10% instead.



81C0A3



81C0A3

FFFFFF



67A589



B8F9DA



4D8A6F



D4FFF6



337057



F1FFFF



185840



00402A



002915



001200



000000



81C0A3



81C0A3

 6EC09A

 94C0AC

 5BC091

 A7C0B5

 47C088

 BBC0BE

 34C080

 CEC0C6

 21C077

 E1C0CF

 0EC06E

 F4C0D8

 00C068

 FFC0E1

 FFC0EA

 FFC0F3

Harmonies

Analogous

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



9EBC8D



81C0A3



6BC1BD

Triad

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



81C0A3



A3B2E4



E2A592

Complementary

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



81C0A3



C0819E

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.



E6A0A9



81C0A3



C4A9D8

Square

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



81C0A3



7FBAE3



DCA2C3



D2AC83

Rectangle

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



81C0A3



66C0CD



DCA2C3



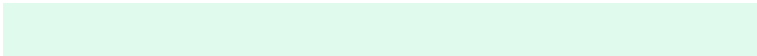
E5A399

Sweetspot

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



81C0A3



E1FAEE



9EC081



6E7D76



FCFCFC



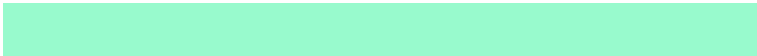
7D7D7D

Same Dimension

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



81C0A3



98FACD



81BEC0



57615C



00A157



002112

Inverse Universe

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



C0819E



FA98C5



C08381



61575C



A1004A



21000F

Previews

White Background



This preview shows how the Hex color 81C0A3 looks on a white background.

Color Contrast Check

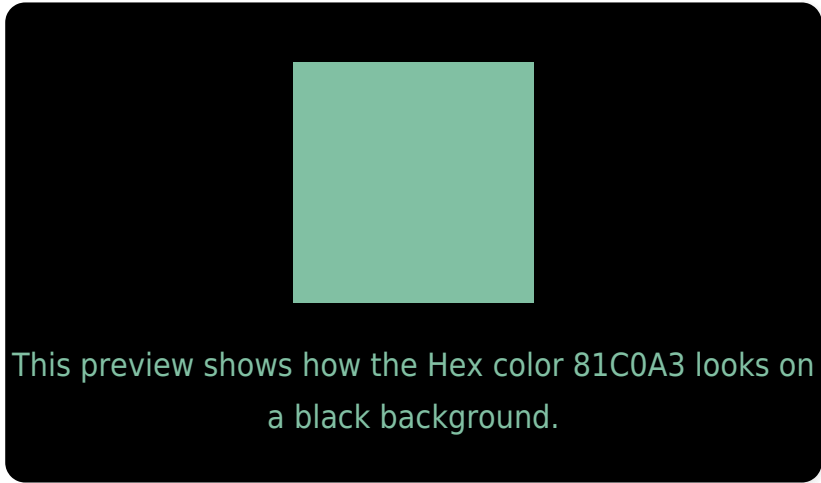
Large Text (above 18pt) WCAG AA × Fail

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

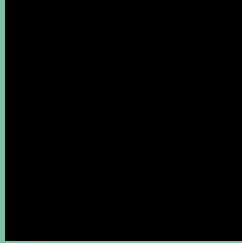
Any Text WCAG AA ✓ Pass

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 81C0A3 Background



This preview shows how black text looks on a background with the Hex color 81C0A3.

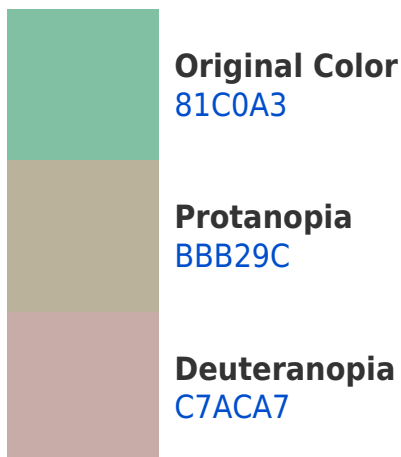


This preview shows how white text looks on a background with the Hex color 81C0A3.

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](#).

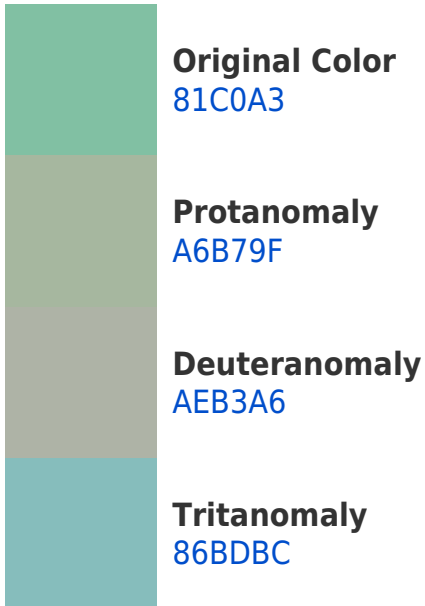
Dichromacy



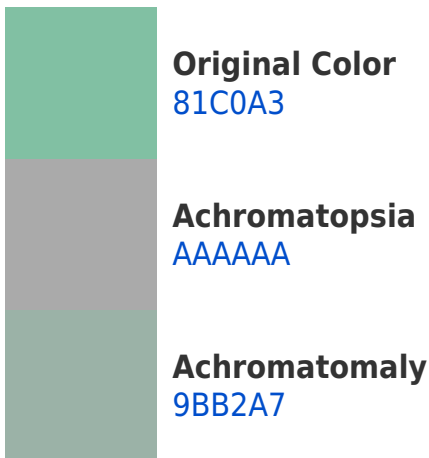


Tritanopia
89BBCA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81C0A3 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 #81C0A3 looks like.

```
.text, #text, p{  
    color:#81C0A3  
}
```

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 #81C0A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81C0A3
}
```

Border

The CSS property to change the border of an element to Hex 81C0A3 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
#81C0A3 }
```

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

```
.border{ border-color:#81C0A3 }
```

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

Here you see how a box with a 4 pixel #81C0A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81C0A3; -webkit-box-shadow:4px 4px  
4px 4px #81C0A3; box-shadow:4px 4px 4px  
4px #81C0A3 }
```

Background

The CSS property to change the background color of an element to Hex 81C0A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81C0A3 }
```

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

```
.background{ background-color:#81C0A3 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor