

Converting Colors

Hex(81C085)

Have a look what the booklet for
Hex(81C085) contains.

Hex(81C085)	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(81C085)

Conversions

Conversions Part 1

Format	Color
Hex	81C085
RGB	129, 192, 133
RGB Percent	51%, 75%, 52%
CMY	0.4941, 0.2471, 0.4784
CMYK	0.33, 0.00, 0.31, 0.25
HSL	124°, 33%, 63%
HSV	124°, 33%, 75%
XYZ	32.1365, 44.0599, 29.0009
YIQ	166.4370, -18.6090, -31.7050

Conversions

Conversions Part 2

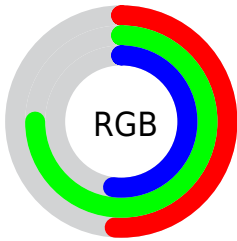
Format	Color
RYB	129, 188, 192
Decimal	8503429
CIELab	72.27, -32.14, 23.51
CIELCh	72, 39.817, 143.818
Yxy	44.0599, 0.3055, 0.4188
Android (android.graphics.Color)	4286693509 (0xFF81C085)
YUV	166.4370, -16.4844, -32.8322
Hunter-Lab	66.3776, -29.7405, 20.5600

Details

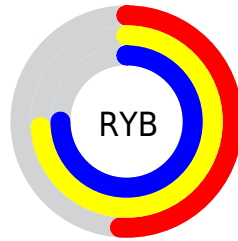
The Hex color **81C085** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C081BC**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **B8F9BA**, and **4D8A53** is the 20% darker color. If you saturate the color by 10%, you get **6EC073**, and if you desaturate by 10%, it is **94C097**.

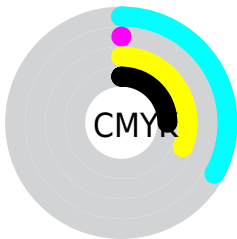
Distribution



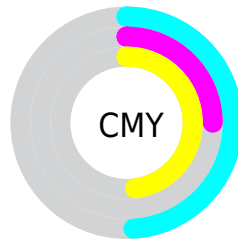
- Red (51%)
- Green (75%)
- Blue (52%)



- Red (51%)
- Yellow (74%)
- Blue (75%)



- Cyan (33%)
- Magenta (0%)
- Yellow (31%)
- Black (25%)




- Cyan (49%)
- Magenta (25%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 81C085 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 81C085 by changing the saturation by 10% instead.

 81C085

 81C085

FFFFFF

 67A56B

 B8F9BA

 4D8A53

 D4FFD6

 33703B

 F1FFF3


 185725

 00400F

 002900

 000F00

 000000

 81C085

 81C085

 6EC073

 94C097

 5BC061

 A7C0A9

 47C04F

 BBC0BB

 34C03D

 CEC0CD

 21C02B

 E1C0DF

 0EC019

 F4C0F1

 00C00C

 FFC0FF

Harmonies

Analogous

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



ABB86D



81C085



50C4A8

Triad

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



81C085



6EB7F9



F89696

Complementary

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



81C085



C081BC

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.



F295BA



81C085



AAABF4

Square

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



81C085



25C0EB



D89EDD



EBA078

Rectangle

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



81C085



26C5C1



D89EDD



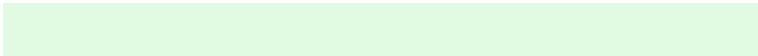
F895A2

Sweetspot

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



81C085



E1FAE2



BDC081



6E7D6F



FCFCFC



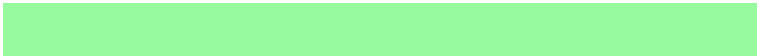
7D7D7D

Same Dimension

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



81C085



98FA9F



81C0A4



576158



00A10A



002102

Inverse Universe

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



C081BC



FA98F4



C0819D



615760



A10096



21001F

Previews

White Background



This preview shows how the Hex color 81C085 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 81C085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

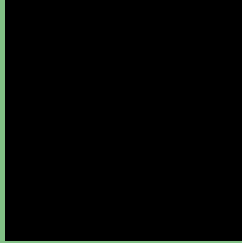
Any Text WCAG AA ✓ Pass

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 81C085 Background



This preview shows how black text looks on a background with the Hex color 81C085.

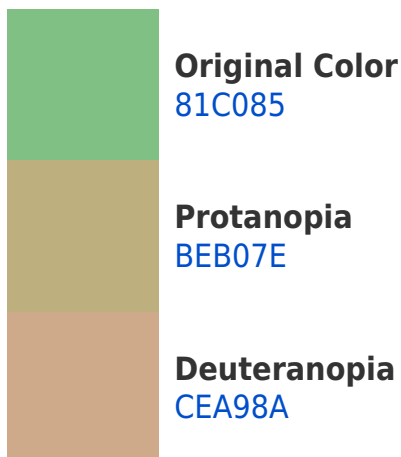


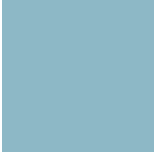
This preview shows how white text looks on a background with the Hex color 81C085.

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](#).

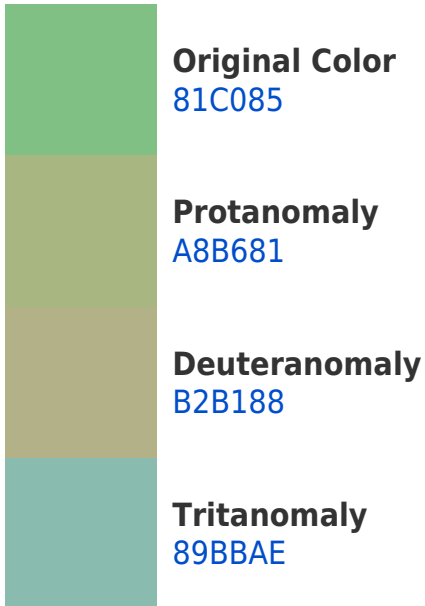
Dichromacy



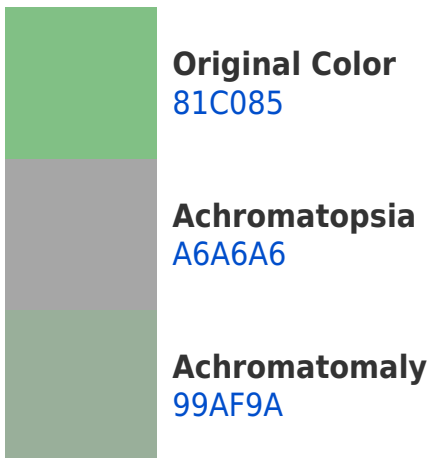


Tritanopia
8DB8C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 81C085 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 #81C085 looks like.

```
.text, #text, p{  
    color:#81C085  
}
```

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 #81C085 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #81C085
}
```

Border

The CSS property to change the border of an element to Hex 81C085 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
#81C085 }
```

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

```
.border{ border-color:#81C085 }
```

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

Here you see how a box with a 4 pixel #81C085 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #81C085; -webkit-box-shadow:4px 4px  
4px 4px #81C085; box-shadow:4px 4px 4px  
4px #81C085 }
```

Background

The CSS property to change the background color of an element to Hex 81C085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#81C085 }
```

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

```
.background{ background-color:#81C085 }
```

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