

Converting Colors

Hex(85C7A0)

Have a look what the booklet for
Hex(85C7A0) contains.

Hex(85C7A0)	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(85C7A0)

Conversions

Conversions Part 1

Format	Color
Hex	85C7A0
RGB	133, 199, 160
RGB Percent	52%, 78%, 63%
CMY	0.4784, 0.2196, 0.3725
CMYK	0.33, 0.00, 0.20, 0.22
HSL	145°, 37%, 65%
HSV	145°, 33%, 78%
XYZ	36.4415, 48.3715, 40.6737
YIQ	174.8200, -26.8170, -26.1210

Conversions

Conversions Part 2

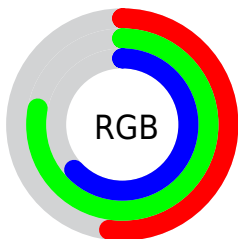
Format	Color
RYB	133, 180, 199
Decimal	8767392
CIELab	75.06, -29.26, 12.96
CIElCh	75, 31.999, 156.111
Yxy	48.3715, 0.2904, 0.3855
Android (android.graphics.Color)	4286957472 (0xFF85C7A0)
YUV	174.8200, -7.3063, -36.6761
Hunter-Lab	69.5496, -28.1843, 14.0110

Details

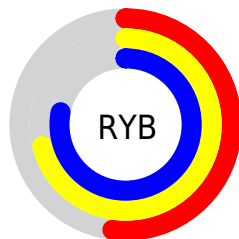
The Hex color **85C7A0** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C785AC**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **BCFFD7**, and **51916C** is the 20% darker color. If you saturate the color by 10%, you get **71C794**, and if you desaturate by 10%, it is **99C7AC**.

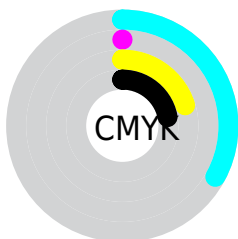
Distribution



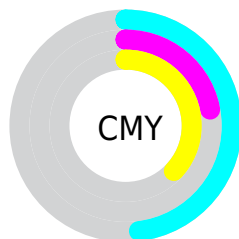
- Red (52%)
- Green (78%)
- Blue (63%)



- Red (52%)
- Yellow (71%)
- Blue (78%)



- Cyan (33%)
- Magenta (0%)
- Yellow (20%)
- Black (22%)



- Cyan (48%)
- Magenta (22%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85C7A0 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 85C7A0 by changing the saturation by 10% instead.

 85C7A0

 85C7A0

FFFFFF

 6BAB86

 BCFFD7

 51916C

 D8FFF3

 377754

 F5FFFF

 1C5E3D

 004627

 002F12

 001A00

 000000

 85C7A0

 85C7A0

 71C794

 99C7AC

 5DC788

 ADC7B8

 49C77D

 C1C7C3

 35C771

 D5C7CF

 22C765

 E9C7DB

 0EC759

 FCC7E7

 00C751

 FFC7F2

 FFC7FE

 FFC7FF

Harmonies

Analogous

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



A7C188



85C7A0



66C9BE

Triad

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



85C7A0



9BBAF3



F1A697

Complementary

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



85C7A0



C785AC

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.



F3A3B4



85C7A0



C5AFE8

Square

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



85C7A0



71C2EE



E3A6D1



E2AF84

Rectangle

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



85C7A0



5AC9D2



E3A6D1



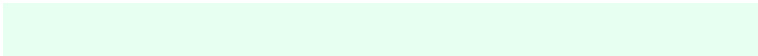
F3A4A0

Sweetspot

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



85C7A0



E6FFF0



ADC785



708076



000000



808080

Same Dimension

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



85C7A0



99FFC3



85C7C0



5A635E



00A343



00240F

Inverse Universe

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



C785AC



FF99D5



C7858C



635A5F



A30060



240015

Previews

White Background



This preview shows how the Hex color 85C7A0 looks on a white background.

Color Contrast Check

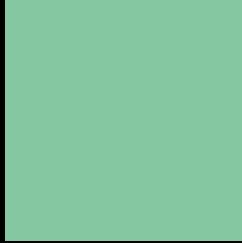
Large Text (above 18pt) WCAG AA × Fail

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 85C7A0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

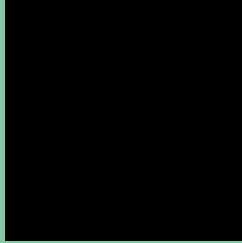
Any Text WCAG AA ✓ Pass

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 85C7A0 Background



This preview shows how black text looks on a background with the Hex color 85C7A0.

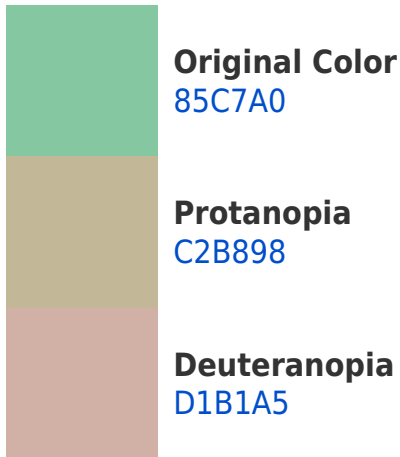


This preview shows how white text looks on a background with the Hex color 85C7A0.

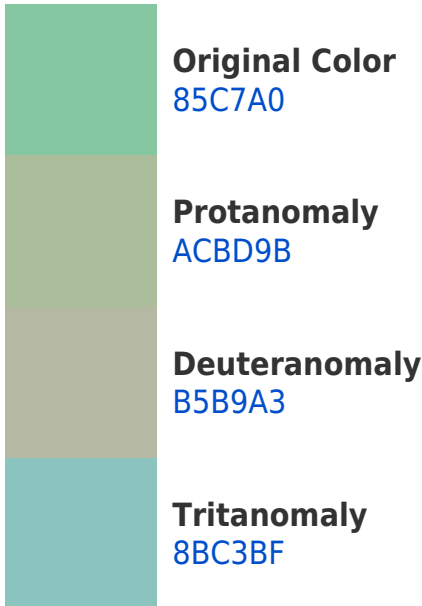
Color Blindness Simulation

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](#).

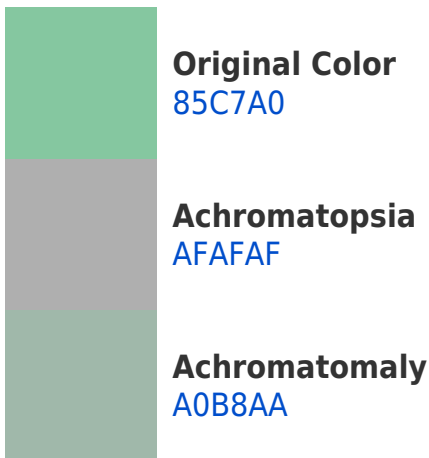
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 85C7A0 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 #85C7A0 looks like.

```
.text, #text, p{  
    color:#85C7A0  
}
```

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 #85C7A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85C7A0
}
```

Border

The CSS property to change the border of an element to Hex 85C7A0 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
#85C7A0 }
```

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

```
.border{ border-color:#85C7A0 }
```

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

Here you see how a box with a 4 pixel #85C7A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85C7A0; -webkit-box-shadow:4px 4px  
4px 4px #85C7A0; box-shadow:4px 4px 4px  
4px #85C7A0 }
```

Background

The CSS property to change the background color of an element to Hex 85C7A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85C7A0 }
```

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

```
.background{ background-color:#85C7A0 }
```

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