

Converting Colors

Hex(84C4A7)

Have a look what the booklet for
Hex(84C4A7) contains.

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Color

Hex(84C4A7)

Conversions

Conversions Part 1

Format	Color
Hex	84C4A7
RGB	132, 196, 167
RGB Percent	52%, 77%, 65%
CMY	0.4824, 0.2314, 0.3451
CMYK	0.33, 0.00, 0.15, 0.23
HSL	153°, 35%, 64%
HSV	153°, 33%, 77%
XYZ	36.2307, 47.1754, 43.7554
YIQ	173.5580, -28.8350, -22.5870

Conversions

Conversions Part 2

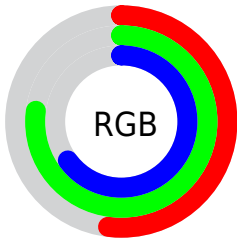
Format	Color
RYB	132, 173, 196
Decimal	8701095
CIELab	74.30, -26.70, 8.10
CIELCh	74, 27.900, 163.115
Yxy	47.1754, 0.2849, 0.3710
Android (android.graphics.Color)	4286891175 (0xFF84C4A7)
YUV	173.5580, -3.2331, -36.4464
Hunter-Lab	68.6844, -26.0397, 10.3083

Details

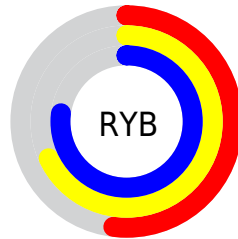
The Hex color **84C4A7** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C484A1**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **BBFDDE**, and **508E73** is the 20% darker color. If you saturate the color by 10%, you get **70C49E**, and if you desaturate by 10%, it is **98C4B0**.

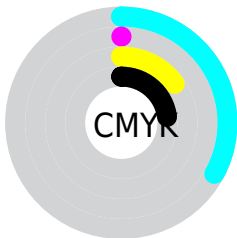
Distribution



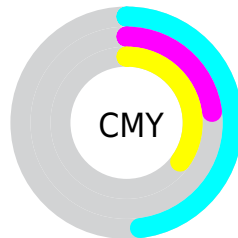
- Red (52%)
- Green (77%)
- Blue (65%)



- Red (52%)
- Yellow (68%)
- Blue (77%)



- Cyan (33%)
- Magenta (0%)
- Yellow (15%)
- Black (23%)



- Cyan (48%)
- Magenta (23%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84C4A7 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 84C4A7 by changing the saturation by 10% instead.



84C4A7



84C4A7

FFFFFF



6AA98D



BBFDDE



508E73



D7FFFB



36745B



F4FFFF



1B5B43



00432D



002C18



001800



000000



84C4A7



84C4A7

 70C49E

 98C4B0

 5DC495

 ABC4B9

 49C48C

 BFC4C2

 36C483

 D2C4CB

 22C47B

 E6C4D3

 0EC472

 FAC4DC

 00C46B

 FFC4E5

 FFC4EE

 FFC4F7

Harmonies

Analogous

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



A1C091



84C4A7



6EC5C1

Triad

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



84C4A7



A7B5E8



E6A895

Complementary

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



84C4A7



C484A1

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.



EBA4AC



84C4A7



C9ACDC

Square

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



84C4A7



83BDE7



E1A6C6



D6B086

Rectangle

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



84C4A7



69C4D2



E1A6C6



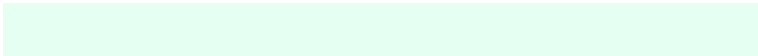
E9A69C

Sweetspot

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



84C4A7



E6FFF3



A2C484



708079



000000



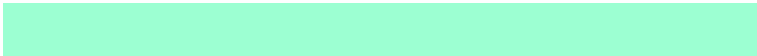
808080

Same Dimension

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



84C4A7



9CFFD2



84C2C4



57615D



00A158



002112

Inverse Universe

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



C484A1



FF9CC9



C48684



61575C



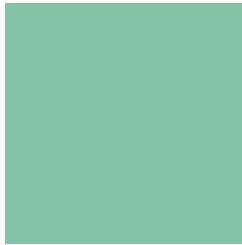
A10049



21000F

Previews

White Background



This preview shows how the Hex color 84C4A7 looks on a white background.

Color Contrast Check

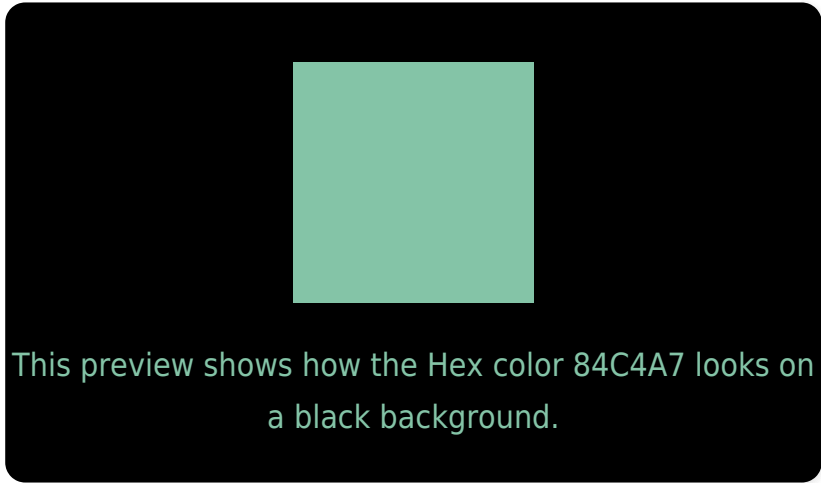
Large Text (above 18pt) WCAG AA × Fail

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

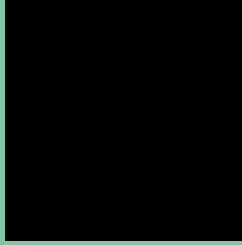
Any Text WCAG AA ✓ Pass

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 84C4A7 Background



This preview shows how black text looks on a background with the Hex color 84C4A7.

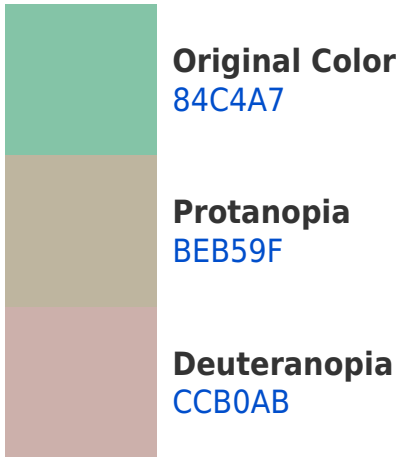


This preview shows how white text looks on a background with the Hex color 84C4A7.

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](#).

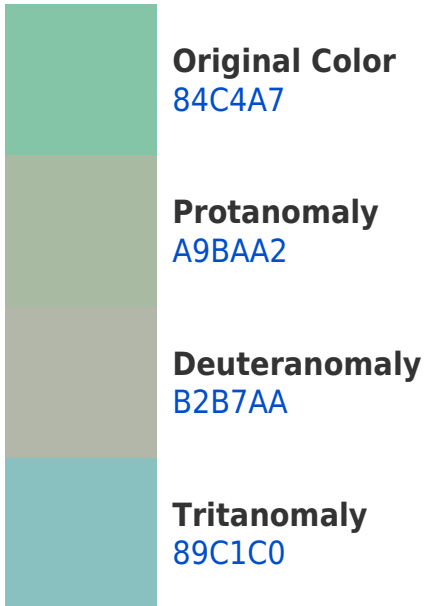
Dichromacy



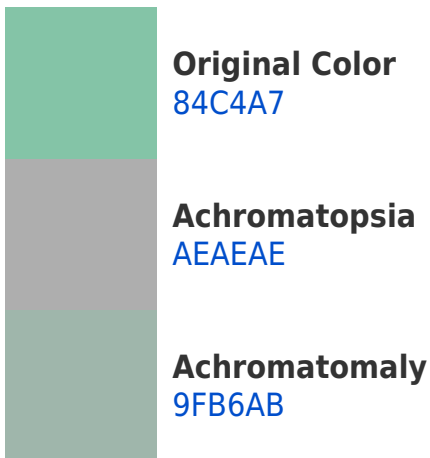


Tritanopia
8CBFCE

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 84C4A7 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 #84C4A7 looks like.

```
.text, #text, p{  
    color:#84C4A7  
}
```

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 #84C4A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84C4A7
}
```

Border

The CSS property to change the border of an element to Hex 84C4A7 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
#84C4A7 }
```

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

```
.border{ border-color:#84C4A7 }
```

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

Here you see how a box with a 4 pixel #84C4A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84C4A7; -webkit-box-shadow:4px 4px  
4px 4px #84C4A7; box-shadow:4px 4px 4px  
4px #84C4A7 }
```

Background

The CSS property to change the background color of an element to Hex 84C4A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84C4A7 }
```

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

```
.background{ background-color:#84C4A7 }
```

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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