

Converting Colors

Hex(84CFAE)

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

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Color

Hex(84CFAE)

Conversions

Conversions Part 1

Format	Color
Hex	84CFAE
RGB	132, 207, 174
RGB Percent	52%, 81%, 68%
CMY	0.4824, 0.1882, 0.3176
CMYK	0.36, 0.00, 0.16, 0.19
HSL	154°, 44%, 66%
HSV	154°, 36%, 81%
XYZ	39.4685, 52.5872, 48.1145
YIQ	180.8130, -34.1070, -26.1630

Conversions

Conversions Part 2

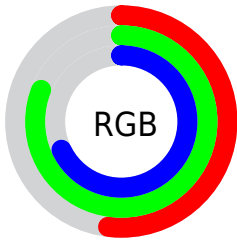
Format	Color
RYB	132, 180, 207
Decimal	8703918
CIELab	77.63, -30.55, 9.10
CIELCh	78, 31.878, 163.420
Yxy	52.5872, 0.2816, 0.3752
Android (android.graphics.Color)	4286893998 (0xFF84CFAE)
YUV	180.8130, -3.3588, -42.8090
Hunter-Lab	72.5170, -29.7533, 11.4234

Details

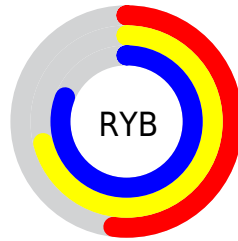
The Hex color **84CFAE** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **CF84A5**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **BBFFE5**, and **4F987A** is the 20% darker color. If you saturate the color by 10%, you get **6FCFA5**, and if you desaturate by 10%, it is **99CFB7**.

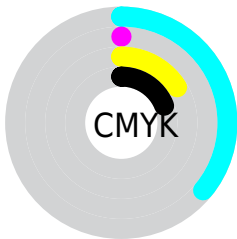
Distribution



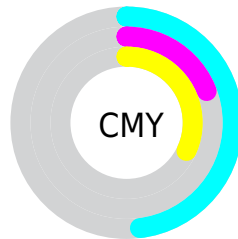
- Red (52%)
- Green (81%)
- Blue (68%)



- Red (52%)
- Yellow (71%)
- Blue (81%)



- Cyan (36%)
- Magenta (0%)
- Yellow (16%)
- Black (19%)



- Cyan (48%)
- Magenta (19%)
- Yellow (32%)

Brightness & Saturation Gradients

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

 84CFAE

 84CFAE

FFFFFF

 69B393

 BBFFE5

 4F987A

 D8FFFF

 347E61

 F5FFFF

 156549

 004C32

 00351D

 002104

 000000

 84CFAE

 84CFAE

 6FCFA5

 99CFB7

 5BCF9C

 ADCFC0

 46CF93

 C2CFC9

 31CF8A

 D7CFD2

 1DCF80

 ECCFDC

 08CF77

 FFCFE5

 00CF74

 FFCFEE

 FFCFF7

 FFCFFF

Harmonies

Analogous

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



A6CA94



84CFAE



68D0CC

Triad

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



84CFAE



ADBEF9



F6AF99

Complementary

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



84CFAE



CF84A5

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.



FBAAB3



84CFAE



D5B4EB

Square

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



84CFAE



82C7F8



F0ACD1



E3B888

Rectangle

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



84CFAE



62CFDF



F0ACD1



F9ADA1

Sweetspot

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



84CFAE



E3FFF3



A6CF84



6F8078



000000



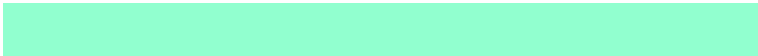
808080

Same Dimension

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



84CFAE



91FFCF



84CBCF



5E6964



00A85E



002917

Inverse Universe

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



CF84A5



FF91C2



CF8884



695E63



A8004A



290012

Previews

White Background



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

Color Contrast Check

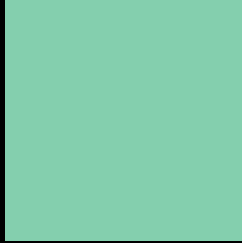
Large Text (above 18pt) WCAG AA × Fail

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 84CFAE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

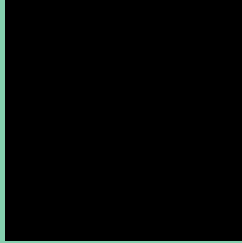
Any Text WCAG AA ✓ Pass

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 84CFAE Background



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

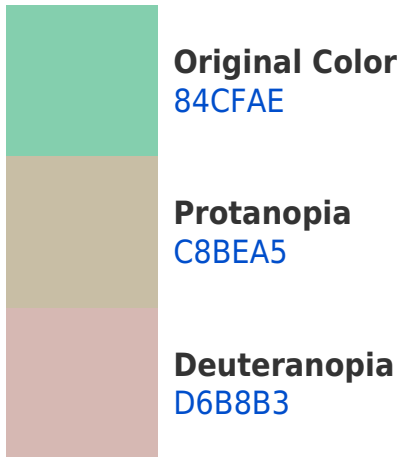


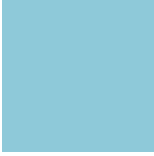
This preview shows how white text looks on a background with the Hex color 84CFAE.

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](#).

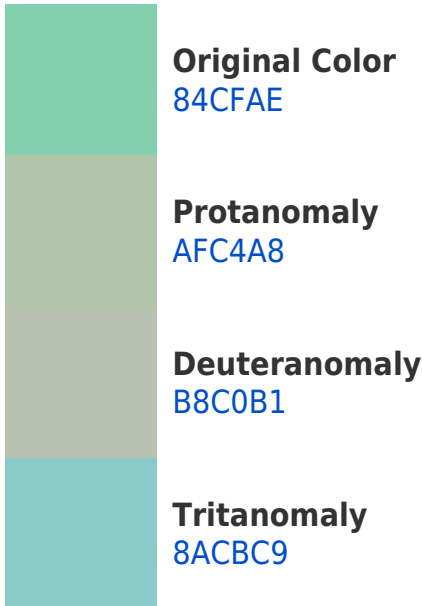
Dichromacy



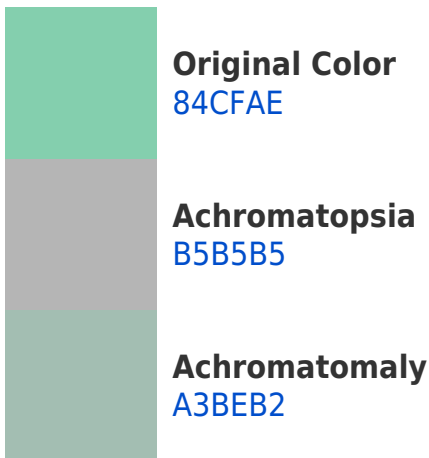


Tritanopia
8EC9D9

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #84CFAE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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