

Converting Colors

Hex(84FAE1)

Have a look what the booklet for
Hex(84FAE1) contains.

Hex(84FAE1)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	18
<i>Color Blindness Simulation</i>	21
<i>CSS Examples</i>	24

Color

Hex(84FAE1)

Conversions

Conversions Part 1

Format	Color
Hex	84FAE1
RGB	132, 250, 225
RGB Percent	52%, 98%, 88%
CMY	0.4824, 0.0196, 0.1176
CMYK	0.47, 0.00, 0.10, 0.02
HSL	167°, 92%, 75%
HSV	167°, 47%, 98%
XYZ	57.2919, 78.7130, 83.4077

Conversions

Conversions Part 2

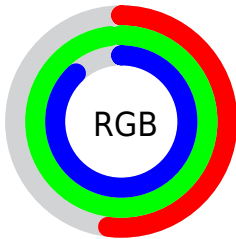
Format	Color
<code>RYB</code>	<code>132, 198, 250</code>
<code>Decimal</code>	<code>8714977</code>
<code>CIELab</code>	<code>91.10, -39.29, 1.66</code>
<code>CIELCh</code>	<code>91, 39.326, 177.574</code>
<code>Yxy</code>	<code>78.7130, 0.2611, 0.3587</code>
<code>Android (android.graphics.Color)</code>	<code>4286905057 (0xFF84FAE1)</code>
<code>YUV</code>	<code>211.8680, 6.4741, -70.0442</code>

Details

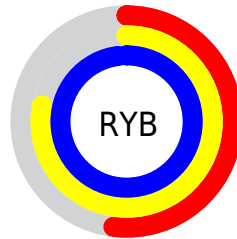
The Hex color **84FAE1** is a light color, and the **websafe** version is hex **99FFCC**. A complement of this color would be **FA849D**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **BFFFFFF**, and **47C1AA** is the 20% darker color. If you saturate the color by 10%, you get **6BFADC**, and if you desaturate by 10%, it is **9DFAE6**.

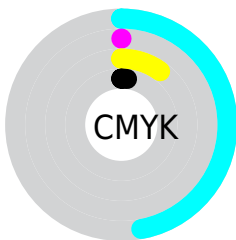
Distribution



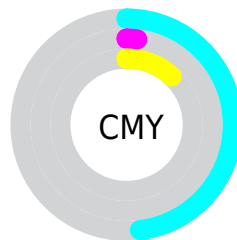
- Red (52%)
- Green (98%)
- Blue (88%)



- Red (52%)
- Yellow (78%)
- Blue (98%)



- Cyan (47%)
- Magenta (0%)
- Yellow (10%)
- Black (2%)



- Cyan (48%)
- Magenta (2%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84FAE1 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 84FAE1 by changing the saturation by 10% instead.

 84FAE1

 A1FFFE

 BFFFFFF

 DDFFFF

 FBFFFF

 FFFFFFF

 84FAE1

 66DDC5

 47C1AA

 21A58F

 008B76

 00715D

 005746

 003F2F

 00291B

 000800

 84FAE1

 6BFADC

 52FAD6

 39FAD1

 20FACC

 07FAC7

 84FAE1

 9DFAE6

 B6FAEC

 CFFAF1

 E8FAF6

 FFFAFB

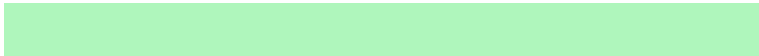
 00FAC5

 FFFAFF

Harmonies

Analogous

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



AFF6BC



84FAE1



68F9FF

Triad

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



84FAE1



E6DDFF



FFD5A7

Complementary

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



84FAE1



FA849D

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.



FFCCC4



84FAE1



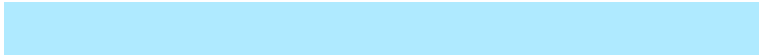
FFD0FF

Square

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



84FAE1



AFEAFF



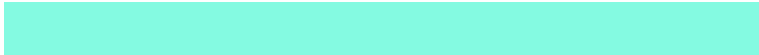
FFC9EA



FFE29A

Rectangle

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



84FAE1



6FF6FF



FFC9EA



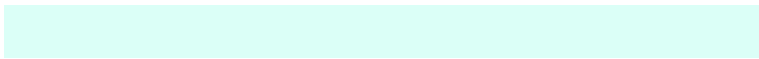
FFD1AF

Sweetspot

The sweet spot groups the original color and five complimentary colors.



84FAE1



DBFFF7



9EFA84



6A807B



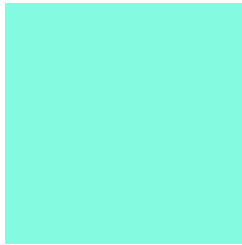
000000



808080

Previews

White Background



This preview shows how the Hex color 84FAE1 looks on a white background.

Color Contrast Check

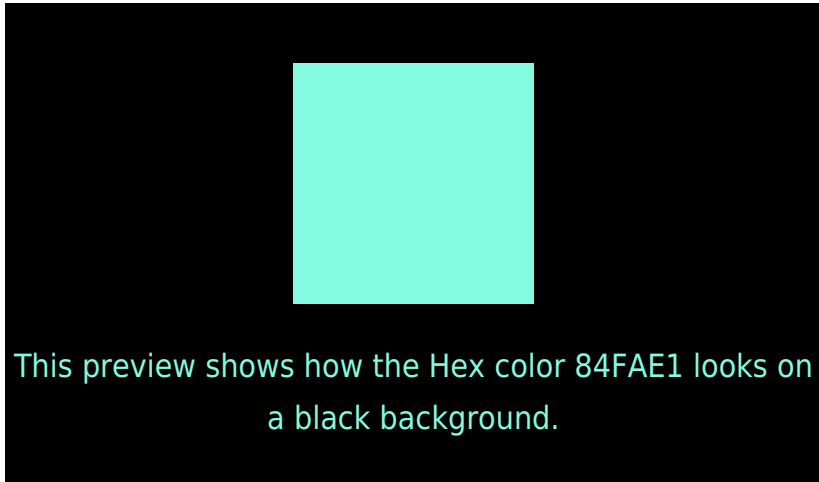
Large Text (above 18pt) WCAG AA × Fail

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

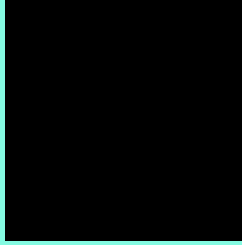
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

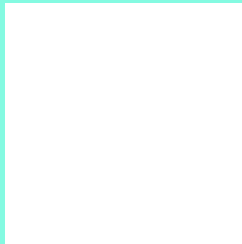
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 84FAE1 Background



This preview shows how black text looks on a background with the Hex color 84FAE1.

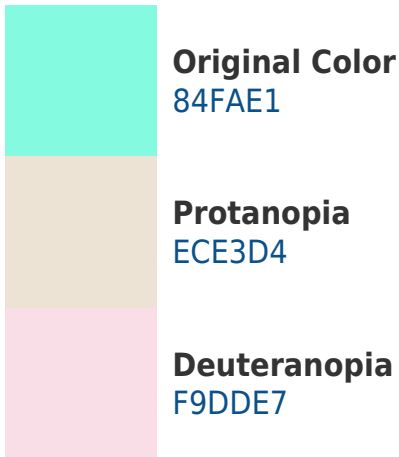


This preview shows how white text looks on a background with the Hex color 84FAE1.

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
ABFOFF

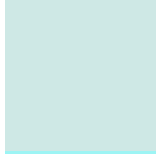
Trichromacy



Original Color
84FAE1



Protanomaly
C6EBD9

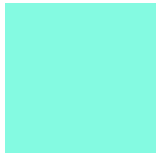


Deuteranomaly
CEE8E5

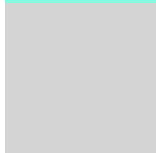


Tritanomaly
9DF4F4

Monochromacy



Original Color
84FAE1



Achromatopsia
D4D4D4



Achromatomaly
B7E2D9

CSS Examples

Text

The CSS property to change the color of the text to Hex 84FAE1 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 #84FAE1 looks like.

```
.text, #text, p{  
    color:#84FAE1  
}
```


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 #84FAE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84FAE1
}
```

Border

The CSS property to change the border of an element to Hex 84FAE1 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
#84FAE1 }
```

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

```
.border{ border-color:#84FAE1 }
```

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

Here you see how a box with a 4 pixel #84FAE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84FAE1; -webkit-box-shadow:4px 4px  
4px 4px #84FAE1; box-shadow:4px 4px 4px  
4px #84FAE1 }
```

Background

The CSS property to change the background color of an element to Hex 84FAE1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84FAE1 }
```

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

```
.background{ background-color:#84FAE1 }
```

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? Have a look at my other booklet **HOWCOLORS.WORK** – A CSS color notation guide.



HOWCOLORS.WORK

A CSS color notation guide.

Are you new to web development and want to know the different ways to express colors in CSS? Then this booklet is for you!

HOWCOLORS.WORK will help you understand the syntax of the color notations in CSS.

You will learn all the current and new ways to express colors to prepare yourself for the future!

[Buy now, starting at \\$4.99!](#)

**Follow me
on Twitter!**

@ConvertingColor