

Converting Colors

Hex(AFEC8B)

Have a look what the booklet for
Hex(AFEC8B) contains.

Hex(AFEC8B)	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(AFEC8B)

Conversions

Conversions Part 1

Format	Color
Hex	AFEC8B
RGB	175, 236, 139
RGB Percent	69%, 93%, 55%
CMY	0.3137, 0.0745, 0.4549
CMYK	0.26, 0.00, 0.41, 0.07
HSL	98°, 72%, 74%
HSV	98°, 41%, 93%
XYZ	52.3348, 70.9689, 35.3661
YIQ	206.7030, -5.2190, -43.0990

Conversions

Conversions Part 2

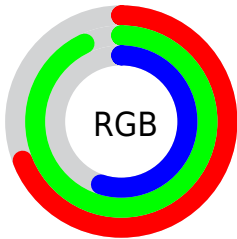
Format	Color
RYB	139, 236, 200
Decimal	11529355
CIELab	87.47, -36.18, 40.92
CIELCh	87, 54.616, 131.482
Yxy	70.9689, 0.3298, 0.4473
Android (android.graphics.Color)	4289719435 (0xFFAFEC8B)
YUV	206.7030, -33.3776, -27.8035
Hunter-Lab	84.2431, -36.5347, 34.0796

Details

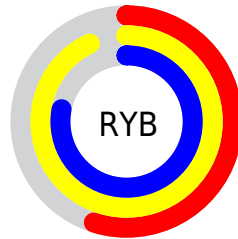
The Hex color **AFEC8B** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **C88BEC**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **E8FFC2**, and **78B457** is the 20% darker color. If you saturate the color by 10%, you get **A0EC73**, and if you desaturate by 10%, it is **BEECA3**.

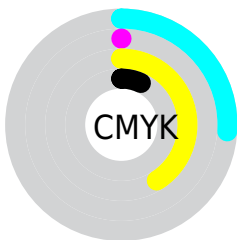
Distribution



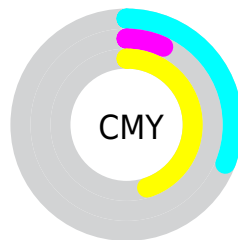
- Red (69%)
- Green (93%)
- Blue (55%)



- Red (55%)
- Yellow (93%)
- Blue (78%)



- Cyan (26%)
- Magenta (0%)
- Yellow (41%)
- Black (7%)



- Cyan (31%)
- Magenta (7%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color AFEC8B 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 AFEC8B by changing the saturation by 10% instead.

 AFEC8B

 AFEC8B

FFFFFF

 93D071

 E8FFC2

 78B457

 FFFFDE

 5D993E

 FFFFFB

 437F25

 286508

 074D00

 003500

 002100

 000000

 AFEC8B

 AFEC8B

 A0EC73

 BEECA3

 91EC5C

 CDECBA

 82EC44

 DCECD2

 74EC2D

 EAECE9

 65EC15

 F9ECFF

 58EC00

 FFECFF

Harmonies

Analogous

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



E8DF73



AFEC8B



67F4B8

Triad

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



AFE88B



29EAF



FB1C9

Complementary

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



AFE88B



C88BEC

Split Complementary

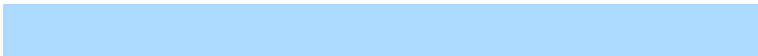
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFB5FD



AFEC8B



ACDAFF

Square

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



AFE88B



00F3FF



FAC6FF



FFB999

Rectangle

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



AFE88B



00F6DC



FAC6FF



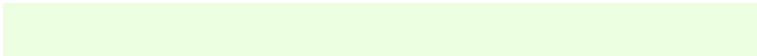
FFB1DB

Sweetspot

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



AFE08B



ECFFE0



ECC78B



74806E



000000



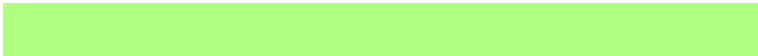
808080

Same Dimension

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



AFE88B



B0FF82



8BEC96



6E756A



43B500



143600

Inverse Universe

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



C88BEC



D182FF



EC8BE1



716A75



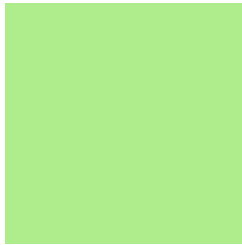
7200B5



220036

Previews

White Background



This preview shows how the Hex color AFEC8B looks on a white background.

Color Contrast Check

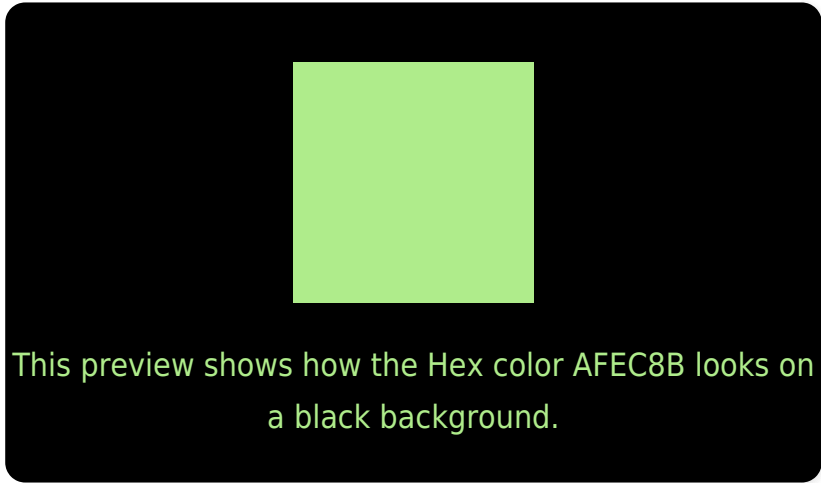
Large Text (above 18pt) WCAG AA × Fail

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 AFEC8B Background



This preview shows how black text looks on a background with the Hex color AFEC8B.

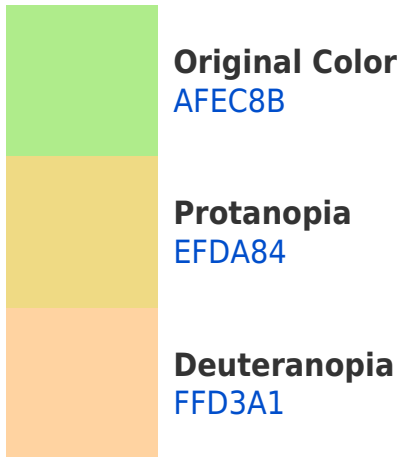


This preview shows how white text looks on a background with the Hex color AFEC8B.

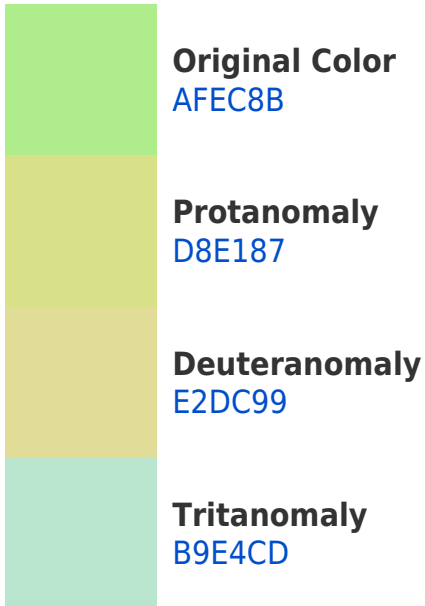
Color Blindness Simulation

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](#).

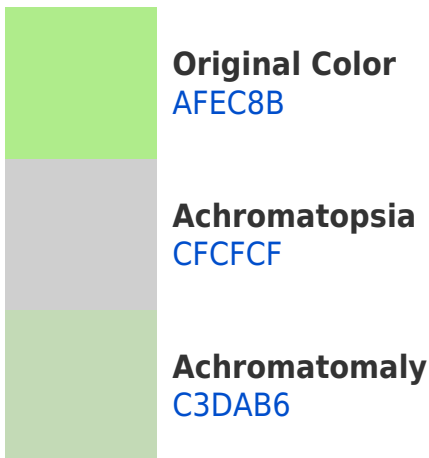
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AFEC8B 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 #AFEC8B looks like.

```
.text, #text, p{  
    color:#AFEC8B  
}
```

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 #AFEC8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AFEC8B
}
```

Border

The CSS property to change the border of an element to Hex AFEC8B 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
#AFEC8B }
```

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

```
.border{ border-color:#AFEC8B }
```

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

Here you see how a box with a 4 pixel #AFEC8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AFEC8B; -webkit-box-shadow:4px 4px  
4px 4px #AFEC8B; box-shadow:4px 4px 4px  
4px #AFEC8B }
```

Background

The CSS property to change the background color of an element to Hex AFEC8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AFEC8B }
```

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

```
.background{ background-color:#AFEC8B }
```

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