

Converting Colors

Hex(AFEB9C)

Have a look what the booklet for
Hex(AFEB9C) contains.

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Color

Hex(AFEB9C)

Conversions

Conversions Part 1

Format	Color
Hex	AFE89C
RGB	175, 235, 156
RGB Percent	69%, 92%, 61%
CMY	0.3137, 0.0784, 0.3882
CMYK	0.26, 0.00, 0.34, 0.08
HSL	106°, 66%, 77%
HSV	106°, 34%, 92%
XYZ	53.3883, 70.9309, 42.3297
YIQ	208.0540, -10.4010, -37.2890

Conversions

Conversions Part 2

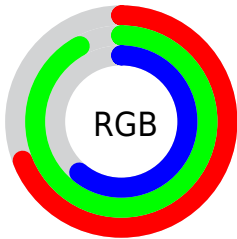
Format	Color
RYB	156, 235, 216
Decimal	11529116
CIELab	87.45, -33.37, 32.40
CIELCh	87, 46.506, 135.844
Yxy	70.9309, 0.3204, 0.4256
Android (android.graphics.Color)	4289719196 (0xFFAFEB9C)
YUV	208.0540, -25.6626, -28.9884
Hunter-Lab	84.2205, -34.2328, 29.1549

Details

The Hex color **AFE99C** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **D89CEB**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **E8FFD3**, and **79B368** is the 20% darker color. If you saturate the color by 10%, you get **9DEB85**, and if you desaturate by 10%, it is **C1EBB4**.

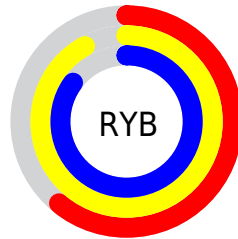
Distribution



Red (69%)

Green (92%)

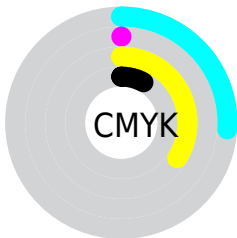
Blue (61%)



Red (61%)

Yellow (92%)

Blue (85%)

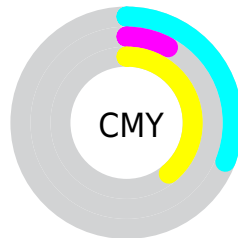


Cyan (26%)

Magenta (0%)

Yellow (34%)

Black (8%)



Cyan (31%)

Magenta (8%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color AFEB9C 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 AFEB9C by changing the saturation by 10% instead.

 AFEB9C

 AFEB9C

FFFFFF

 94CF82

 E8FFD3

 79B368

 FFFFF0

 5E984F

 447E37

 2A641F

 0D4C06

 003400

 002100

 000000

 AFEB9C

 AFEB9C

 9DEB85

 C1EBB4

 8BEB6D

 D3EBCB

 79EB56

 E5EBE3

 68EB3E

 F6EBFA

 56EB27

 FFEBFF

 44EB0F

 39EB00

Harmonies

Analogous

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



E1E085



AFE89C



76F1C4

Triad

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



AFEB9C



74E6FF



FFB9C5

Complementary

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



AFE89C



D89CEB

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.



FFBBF2



AFE89C



C1D7FF

Square

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



AFE89C



16EFFF



FEC7FF



FFC29E

Rectangle

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



AFE89C



49F3E3



FEC7FF



FFB8D4

Sweetspot

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



AFE89C



ECFFE6



EBD79C



748070



000000



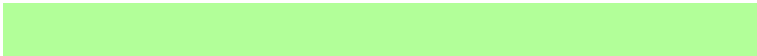
808080

Same Dimension

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



AFE89C



B2FF99



9CEBB0



6C756A



2CB500



0D3600

Inverse Universe

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



D89CEB



E699FF



EB9CD7



726A75



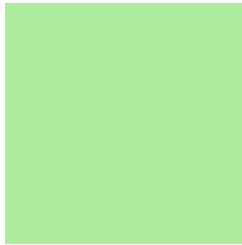
8A00B5



290036

Previews

White Background



This preview shows how the Hex color AFEB9C looks on a white background.

Color Contrast Check

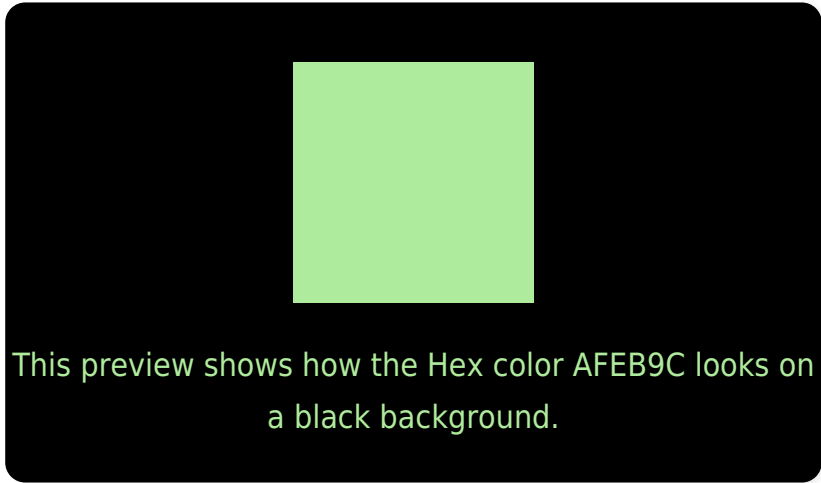
Large Text (above 18pt) WCAG AA × Fail

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

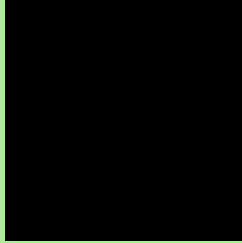
Any Text WCAG AA ✓ Pass

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 AFEB9C Background



This preview shows how black text looks on a background with the Hex color AFEB9C.

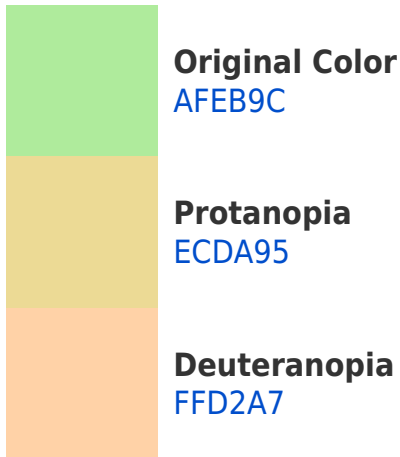


This preview shows how white text looks on a background with the Hex color AFEB9C.

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
BDE0F2

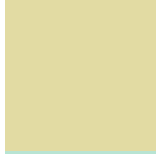
Trichromacy



Original Color
AFEB9C



Protanomaly
D6E098



Deuteranomaly
E2DBA3

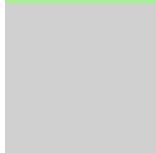


Tritanomaly
B8E4D3

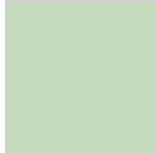
Monochromacy



Original Color
AFEB9C



Achromatopsia
D0D0D0



Achromatomaly
C4DABD

CSS Examples

Text

The CSS property to change the color of the text to Hex AFEB9C 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 #AFEB9C looks like.

```
.text, #text, p{  
    color:#AFEB9C  
}
```

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 #AFEB9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AFEB9C
}
```

Border

The CSS property to change the border of an element to Hex AFEB9C 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
#AFEB9C }
```

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

```
.border{ border-color:#AFEB9C }
```

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

Here you see how a box with a 4 pixel #AFEB9C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AFEB9C; -webkit-box-shadow:4px 4px  
4px 4px #AFEB9C; box-shadow:4px 4px 4px  
4px #AFEB9C }
```

Background

The CSS property to change the background color of an element to Hex AFEB9C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AFEB9C }
```

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

```
.background{ background-color:#AFEB9C }
```

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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