

Converting Colors

Hex(AFE9B1)

Have a look what the booklet for
Hex(AFE9B1) contains.

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Color

Hex(AFE9B1)

Conversions

Conversions Part 1

Format	Color
Hex	AFE9B1
RGB	175, 233, 177
RGB Percent	69%, 91%, 69%
CMY	0.3137, 0.0863, 0.3059
CMYK	0.25, 0.00, 0.24, 0.09
HSL	122°, 57%, 80%
HSV	122°, 25%, 91%
XYZ	54.7539, 70.5661, 52.3298
YIQ	209.2740, -16.5920, -29.7120

Conversions

Conversions Part 2

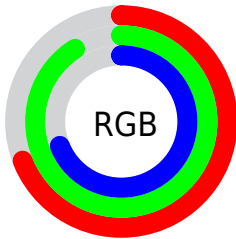
Format	Color
RYB	175, 231, 233
Decimal	11528625
CIELab	87.27, -29.11, 21.40
CIELCh	87, 36.129, 143.683
Yxy	70.5661, 0.3082, 0.3972
Android (android.graphics.Color)	4289718705 (0xFFAFE9B1)
YUV	209.2740, -15.9111, -30.0583
Hunter-Lab	84.0036, -30.6593, 21.8681

Details

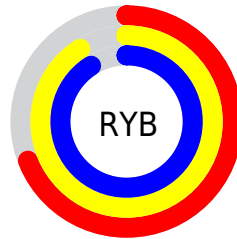
The Hex color **AFE9B1** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **E9AFE7**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **E7FFE9**, and **79B17C** is the 20% darker color. If you saturate the color by 10%, you get **98E99B**, and if you desaturate by 10%, it is **C6E9C7**.

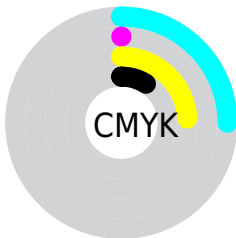
Distribution



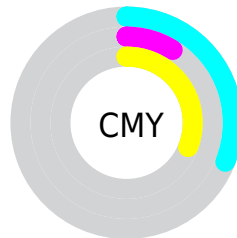
- Red (69%)
- Green (91%)
- Blue (69%)



- Red (69%)
- Yellow (91%)
- Blue (91%)



- Cyan (25%)
- Magenta (0%)
- Yellow (24%)
- Black (9%)



- Cyan (31%)
- Magenta (9%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color AFE9B1 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 AFE9B1 by changing the saturation by 10% instead.

 AFE9B1

 AFE9B1

FFFFFF

 94CD96

 E7FFE9

 79B17C

 5F9663

 467C4B

 2D6334

 124B1E

 003307

 002000

 000000

 AFE9B1

 AFE9B1

 98E99B

 C6E9C7

 80E984

 DEE9DE

 69E96E

 F5E9F4

 52E957

 FFE9FF

 3BE941

 23E92A

 0CE914

 00E908

Harmonies

Analogous

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



D7E19B



AFE9B1



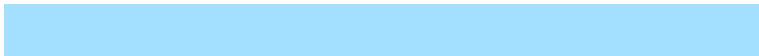
88EDD2

Triad

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



AFE9B1



A3E0FF



FFC2C1

Complementary

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



AFE9B1



E9AFE7

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.



FFC2E3



AFE9B1



D6D4FF

Square

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



AFE9B1



78E9FF



FFC9FF



FFCBA5

Rectangle

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



AFE9B1



74EEEA



FFC9FF



FFC1CC

Sweetspot

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



AFE9B1



EDFFEE



E7E9AF



758076



000000



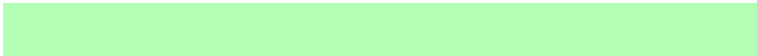
808080

Same Dimension

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



AFE9B1



B3FFB5



AFE9CE



6A756A



00B506



003602

Inverse Universe

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



E9AFE7



FFB3FC



E9AFCA



756A75



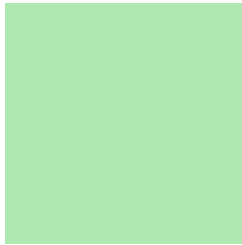
B500AF



360034

Previews

White Background



This preview shows how the Hex color AFE9B1 looks on a white background.

Color Contrast Check

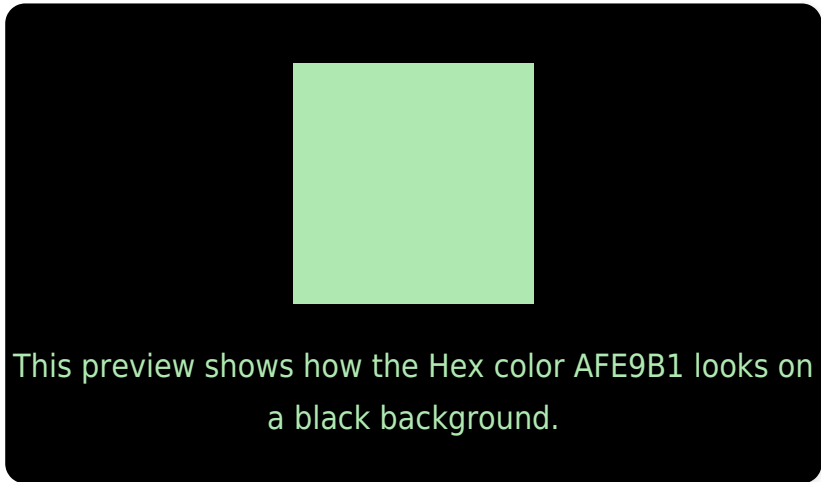
Large Text (above 18pt) WCAG AA × Fail

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

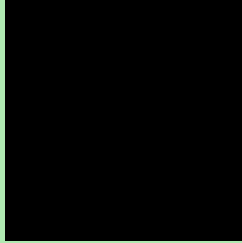
Any Text WCAG AA ✓ Pass

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 AFE9B1 Background



This preview shows how black text looks on a background with the Hex color AFE9B1.

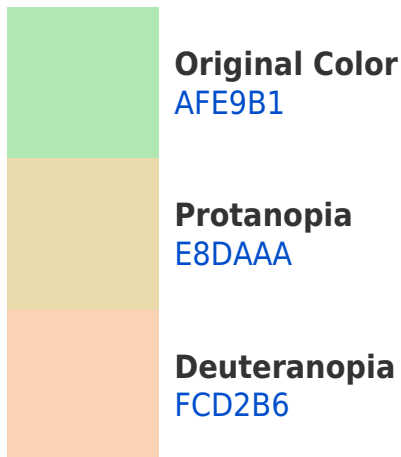


This preview shows how white text looks on a background with the Hex color AFE9B1.

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](#).

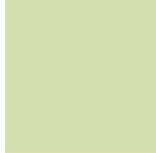
Dichromacy



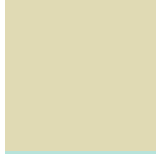
Trichromacy



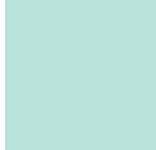
Original Color
AFE9B1



Protanomaly
D3DFAD



Deuteranomaly
E0DAB4

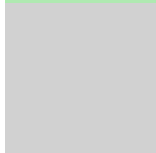


Tritanomaly
B7E3DA

Monochromacy



Original Color
AFE9B1



Achromatopsia
D1D1D1



Achromatomaly
C5DAC5

CSS Examples

Text

The CSS property to change the color of the text to Hex AFE9B1 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 #AFE9B1 looks like.

```
.text, #text, p{  
    color:#AFE9B1  
}
```

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 #AFE9B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AFE9B1
}
```

Border

The CSS property to change the border of an element to Hex AFE9B1 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
#AFE9B1 }
```

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

```
.border{ border-color:#AFE9B1 }
```

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

Here you see how a box with a 4 pixel #AFE9B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AFE9B1; -webkit-box-shadow:4px 4px  
4px 4px #AFE9B1; box-shadow:4px 4px 4px  
4px #AFE9B1 }
```

Background

The CSS property to change the background color of an element to Hex AFE9B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AFE9B1 }
```

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

```
.background{ background-color:#AFE9B1 }
```

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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