

Converting Colors

Hex(AFE98D)

Have a look what the booklet for
Hex(AFE98D) contains.

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Color

Hex(AFE98D)

Conversions

Conversions Part 1

Format	Color
Hex	AFE98D
RGB	175, 233, 141
RGB Percent	69%, 91%, 55%
CMY	0.3137, 0.0863, 0.4471
CMYK	0.25, 0.00, 0.39, 0.09
HSL	98°, 68%, 73%
HSV	98°, 39%, 91%
XYZ	51.6258, 69.3149, 35.8574
YIQ	205.1700, -5.0360, -40.9080

Conversions

Conversions Part 2

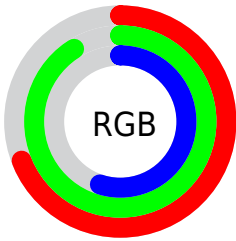
Format	Color
RYB	141, 233, 199
Decimal	11528589
CIELab	86.66, -34.54, 38.89
CIELCh	87, 52.013, 131.615
Yxy	69.3149, 0.3293, 0.4421
Android (android.graphics.Color)	4289718669 (0xFFAFE98D)
YUV	205.1700, -31.6358, -26.4591
Hunter-Lab	83.2556, -35.0114, 32.7432

Details

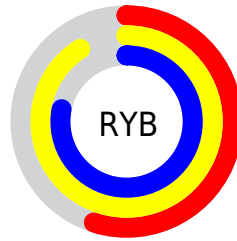
The Hex color **AFE98D** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **C78DE9**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **E8FFC4**, and **78B159** is the 20% darker color. If you saturate the color by 10%, you get **A0E976**, and if you desaturate by 10%, it is **BEE9A4**.

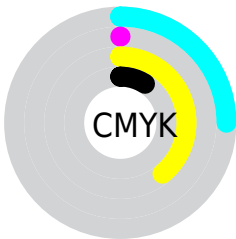
Distribution



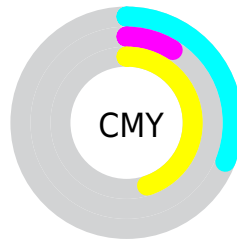
- Red (69%)
- Green (91%)
- Blue (55%)



- Red (55%)
- Yellow (91%)
- Blue (78%)



- Cyan (25%)
- Magenta (0%)
- Yellow (39%)
- Black (9%)



- Cyan (31%)
- Magenta (9%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color AFE98D 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 AFE98D by changing the saturation by 10% instead.

 AFE98D

 AFE98D

FFFFFF

 93CD73

 E8FFC4

 78B159

 FFFFEO

 5E9640

FFFFFFD

 447C28

 29630D

 0A4A00

 003300

 001F00

 000000

 AFE98D

 AFE98D

 A0E976

 BEE9A4

 92E95E

 CCE9BC

 83E947

 DBE9D3

 74E930

 EAE9EA

 66E919

 F8E9FF

 57E901

 FFE9FF

 56E900

Harmonies

Analogous

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



E5DC76



AFE98D



6CF1B8

Triad

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



AFE98D



41E7FF



FFB1C7

Complementary

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



AFE98D



C78DE9

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.



FFB5F9



AFE98D



AED7FF

Square

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



AFE98D



00F0FF



F7C5FF



FFBB9A

Rectangle

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



AFE98D



22F3DA



F7C5FF



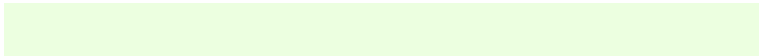
FFB1D8

Sweetspot

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



AFE98D



ECFFE0



E9C68D



74806E



000000



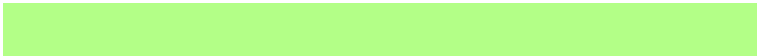
808080

Same Dimension

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



AFE98D



B3FF87



8DE998



6E756A



43B500



143600

Inverse Universe

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



C78DE9



D387FF



E98DDE



716A75



7200B5



220036

Previews

White Background



This preview shows how the Hex color AFE98D looks on a white background.

Color Contrast Check

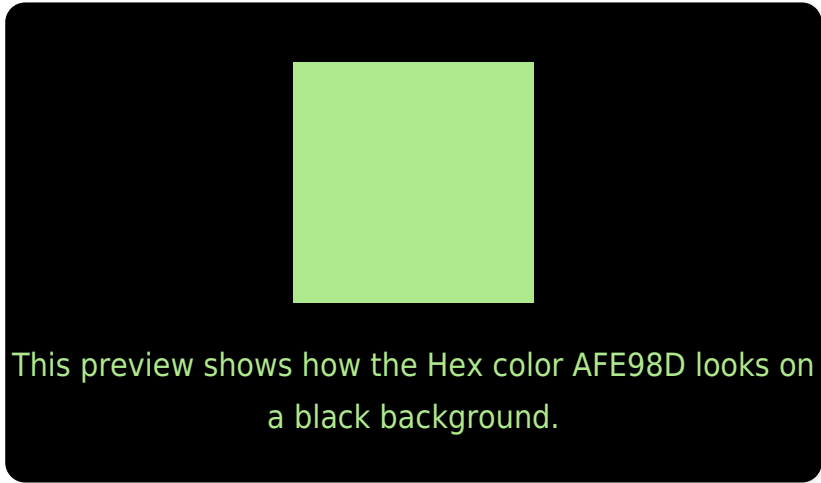
Large Text (above 18pt) WCAG AA × Fail

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

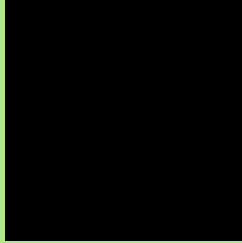
Any Text WCAG AA ✓ Pass

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 AFE98D Background



This preview shows how black text looks on a background with the Hex color AFE98D.

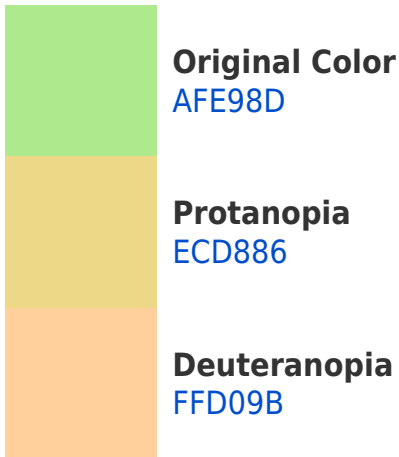


This preview shows how white text looks on a background with the Hex color AFE98D.

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
AFE98D



Protanomaly
D6DE89



Deuteranomaly
E2D996

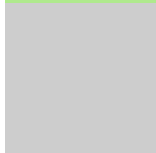


Tritanomaly
B9E1CB

Monochromacy



Original Color
AFE98D



Achromatopsia
CDCDCD



Achromatomaly
C2D7B6

CSS Examples

Text

The CSS property to change the color of the text to Hex AFE98D 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 #AFE98D looks like.

```
.text, #text, p{  
    color:#AFE98D  
}
```

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 #AFE98D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AFE98D
}
```

Border

The CSS property to change the border of an element to Hex AFE98D 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
#AFE98D }
```

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

```
.border{ border-color:#AFE98D }
```

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

Here you see how a box with a 4 pixel #AFE98D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AFE98D; -webkit-box-shadow:4px 4px  
4px 4px #AFE98D; box-shadow:4px 4px 4px  
4px #AFE98D }
```

Background

The CSS property to change the background color of an element to Hex AFE98D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AFE98D }
```

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

```
.background{ background-color:#AFE98D }
```

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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