

Converting Colors

Hex(AFEB78)

Have a look what the booklet for
Hex(AFEB78) contains.

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Color

Hex(AFEB78)

Conversions

Conversions Part 1

Format	Color
Hex	AFEB78
RGB	175, 235, 120
RGB Percent	69%, 92%, 47%
CMY	0.3137, 0.0784, 0.5294
CMYK	0.26, 0.00, 0.49, 0.08
HSL	91°, 74%, 70%
HSV	91°, 49%, 92%
XYZ	50.7777, 69.8867, 28.5825
YIQ	203.9500, 1.1550, -48.4850

Conversions

Conversions Part 2

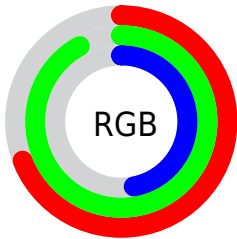
Format	Color
RYB	120, 235, 180
Decimal	11529080
CIELab	86.94, -38.00, 49.43
CIElCh	87, 62.347, 127.556
Yxy	69.8867, 0.3402, 0.4683
Android (android.graphics.Color)	4289719160 (0xFFAFEB78)
YUV	203.9500, -41.3873, -25.3891
Hunter-Lab	83.5983, -37.8758, 38.2473

Details

The Hex color **AFEB78** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **B478EB**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **E9FFAE**, and **78B344** is the 20% darker color. If you saturate the color by 10%, you get **A3EB61**, and if you desaturate by 10%, it is **BBEB8F**.

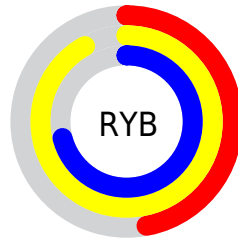
Distribution



Red (69%)

Green (92%)

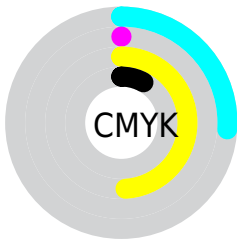
Blue (47%)



Red (47%)

Yellow (92%)

Blue (71%)

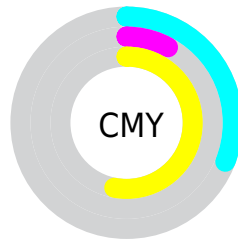


Cyan (26%)

Magenta (0%)

Yellow (49%)

Black (8%)



Cyan (31%)

Magenta (8%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color AFEB78 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 AFEB78 by changing the saturation by 10% instead.

 AFEB78

 AFEB78

FFFFFF

 93CF5E

 E9FFAE

 78B344


 FFFFC4

 5C9829

 FFFFE7

 417E08

 256400

 014C00

 003400

 002000

 000000

 AFEB78

 AFEB78

 A3EB61

 BBEB8F

 96EB49

 C8EBA7

 8AEB32

 D4EBBF

 7EEB1A

 E0EBD6

 72EB02

 ECEBEE

 70EB00

 F9EBFF

 FFEBFF

Harmonies

Analogous

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



EEDB5F



AFEB78



58F4AA

Triad

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



AFE878



00E8FF



FFA78D

Complementary

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



AFE878



B478EB

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.



FFAFFF



AFE878



8EDBF8

Square

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



AFE878



00FFFF



F2C4FF



FFB295

Rectangle

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



AFE878



00F7D3



F2C4FF



FFA8E1

Sweetspot

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



AFE78



EBFFD9



EBB378



748069



000000



808080

Same Dimension

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



AFE78



B1FF69



78EB7A



6F756A



57B500



1A3600

Inverse Universe

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



B478EB



B769FF



EB78E9



706A75



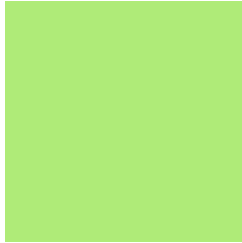
5E00B5



1C0036

Previews

White Background



This preview shows how the Hex color AFEB78 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



This preview shows how the Hex color AFEB78 looks on a 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 AFEB78 Background



This preview shows how black text looks on a background with the Hex color AFEB78.

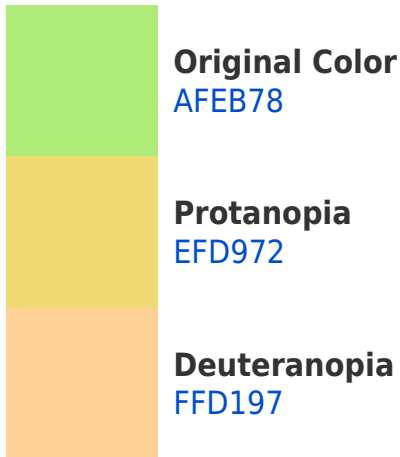


This preview shows how white text looks on a background with the Hex color AFEB78.

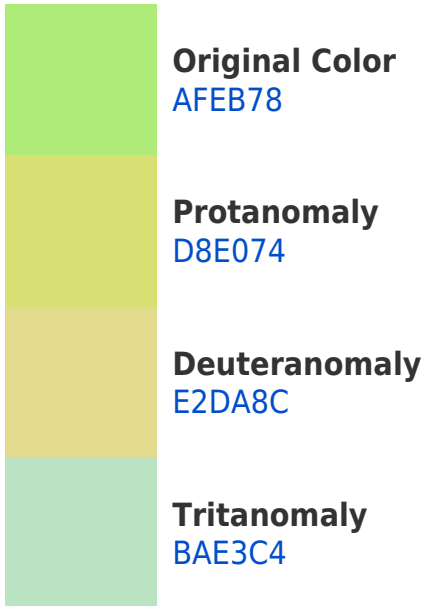
Color Blindness Simulation

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](#).

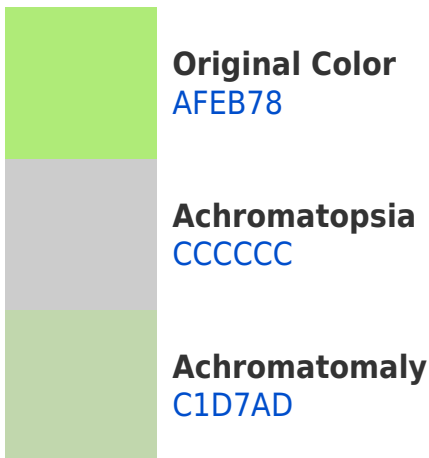
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AFEB78 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 #AFEB78 looks like.

```
.text, #text, p{  
    color:#AFEB78  
}
```

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 #AFEB78 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AFEB78
}
```

Border

The CSS property to change the border of an element to Hex AFEB78 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
#AFEB78 }
```

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

```
.border{ border-color:#AFEB78 }
```

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

Here you see how a box with a 4 pixel #AFEB78 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AFEB78; -webkit-box-shadow:4px 4px  
4px 4px #AFEB78; box-shadow:4px 4px 4px  
4px #AFEB78 }
```

Background

The CSS property to change the background color of an element to Hex AFEB78 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AFEB78 }
```

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

```
.background{ background-color:#AFEB78 }
```

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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