

# Converting Colors

Hex(AEEFB0)

Have a look what the booklet for  
Hex(AEEFB0) contains.

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# **Color**

**Hex(AEEFB0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AEEFB0
RGB	174, 239, 176
RGB Percent	68%, 94%, 69%
CMY	0.3176, 0.0627, 0.3098
CMYK	0.27, 0.00, 0.26, 0.06
HSL	122°, 67%, 81%
HSV	122°, 27%, 94%
XYZ	56.1585, 73.8663, 52.3720
YIQ	212.3830, -18.5170, -33.3730

# Conversions

## Conversions Part 2

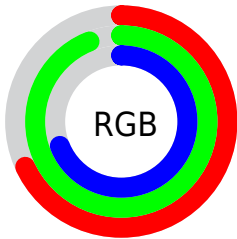
<b>Format</b>	<b>Color</b>
<b>RYB</b>	174, 237, 239
Decimal	11464624
CIELab	88.86, -32.42, 24.09
CIELCh	89, 40.388, 143.385
Yxy	73.8663, 0.3079, 0.4050
Android (android.graphics.Color)	4289654704 (0xFFAEEFB0)
YUV	212.3830, -17.9368, -33.6619
Hunter-Lab	85.9455, -33.7691, 24.0327

# Details

The Hex color **AEEFB0** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **EFAEED**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **E7FFE8**, and **78B77B** is the 20% darker color. If you saturate the color by 10%, you get **96EF99**, and if you desaturate by 10%, it is **C6EFC7**.

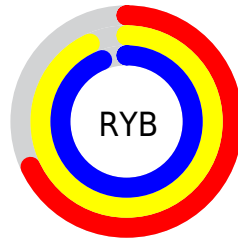
# Distribution



Red (68%)

Green (94%)

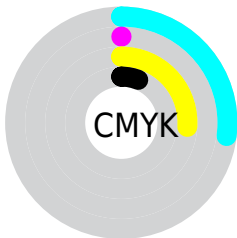
Blue (69%)



Red (68%)

Yellow (93%)

Blue (94%)

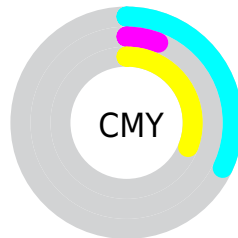


Cyan (27%)

Magenta (0%)

Yellow (26%)

Black (6%)



Cyan (32%)

Magenta (6%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AEEFB0 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 AEEFB0 by changing the saturation by 10% instead.



 AEEFB0

FFFFFF

 E7FFE8

 AEEFB0

 93D395

 78B77B

 5E9C62

 44814A

 2A6832

 0C4F1C

 003805

 002300

 000000

 AEEFB0

 AEEFB0

 96EF99

 C6EFC7

 7EEF82

 DEEFDE

 66EF6B

 F6EFF5

 4EEF53

 FFEFFF

 37EF3C

 1FEF25

 07EF0E

 00EF07

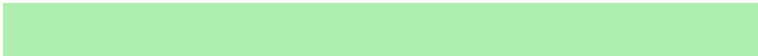
# Harmonies

## Analogous

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



DAE697



AEEFB0



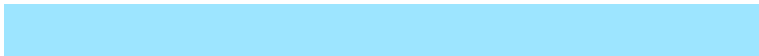
80F4D5

# Triad

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



AEEFB0



9DE5FF



FFC4C2

# Complementary

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



AEEFB0



EFAEED

# 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.



FFC3E9



AEEFB0



D8D8FF

# Square

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



AEEFB0



68EFFF



FFCBFF



FFCDA3

# Rectangle

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



AEEFBO



65F4F0



FFCBFF



FFC2CF



# Sweetspot

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



AEEFBO



EBFFEB



EEEFAE



738073



000000



808080

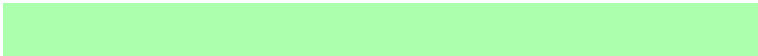


# Same Dimension

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



AEEFBO



ABFFAD



AEEFD0



6C786C



00B806



003802



# Inverse Universe

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



EFAEED



FFABFC



EFAECD



786C77



B800B2

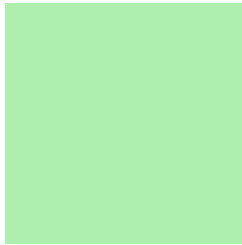


380036



# Previews

## White Background



This preview shows how the Hex color AEEFB0 looks on a white background.

## Color Contrast Check

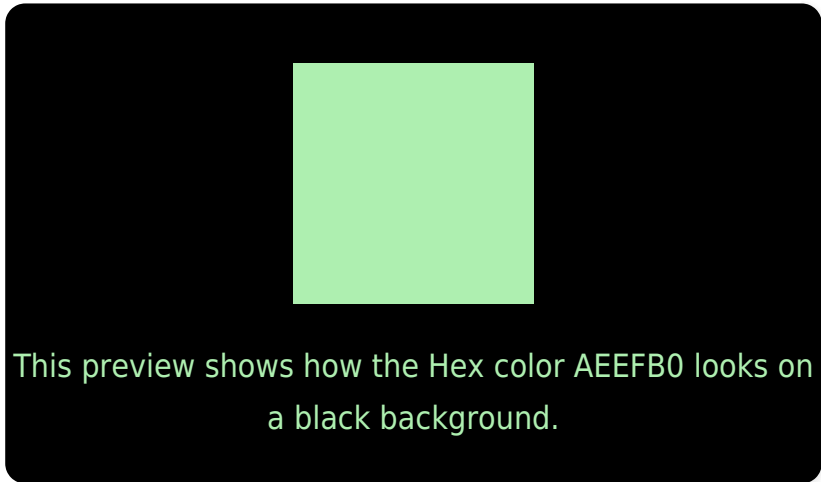
Large Text (above 18pt) WCAG AA × Fail

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

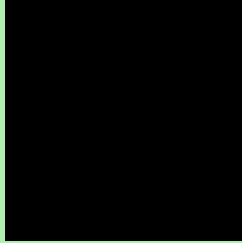
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex AEEFB0 Background



This preview shows how black text looks on a background with the Hex color AEEFB0.

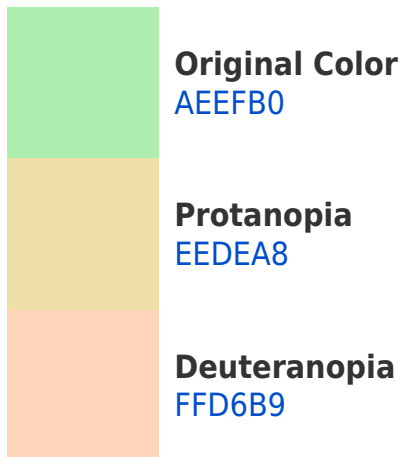


This preview shows how white text looks on a background with the Hex color AEEFB0.

# 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



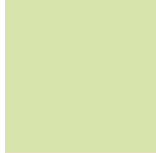


**Tritanopia**  
BBE6F8

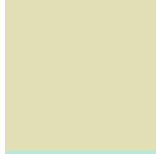
# Trichromacy



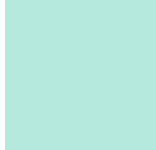
**Original Color**  
AEEFB0



**Protanomaly**  
D7E4AB

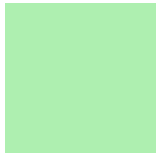


**Deuteranomaly**  
E2DFB6

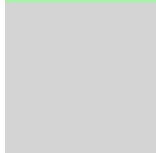


**Tritanomaly**  
B6E9DE

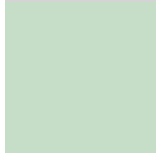
# Monochromacy



**Original Color**  
AEEFB0



**Achromatopsia**  
D4D4D4



**Achromatomaly**  
C6DEC7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AEEFB0 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 #AEEFB0 looks like.

```
.text, #text, p{  
    color:#AEEFB0  
}
```

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 #AEEFB0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AEEFB0
}
```

## Border

The CSS property to change the border of an element to Hex AEEFB0 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
#AEEFB0 }
```

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

```
.border{ border-color:#AEEFB0 }
```

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

Here you see how a box with a 4 pixel #AEEFB0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AEEFB0; -webkit-box-shadow:4px 4px  
4px 4px #AEEFB0; box-shadow:4px 4px 4px  
4px #AEEFB0 }
```

# Background

The CSS property to change the background color of an element to Hex AEEFB0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AEEFB0 }
```

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

```
.background{ background-color:#AEEFB0 }
```

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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