

# Converting Colors

Hex(AFE7B0)

Have a look what the booklet for  
Hex(AFE7B0) contains.

<b>Hex(AFE7B0)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(AFE7B0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AFE7B0
RGB	175, 231, 176
RGB Percent	69%, 91%, 69%
CMY	0.3137, 0.0941, 0.3098
CMYK	0.24, 0.00, 0.24, 0.09
HSL	121°, 54%, 80%
HSV	121°, 24%, 91%
XYZ	54.0916, 69.4004, 51.6190
YIQ	207.9860, -15.7210, -28.9770

# Conversions

## Conversions Part 2

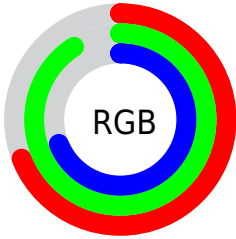
<b>Format</b>	<b>Color</b>
<b>RYB</b>	175, 230, 231
Decimal	11528112
CIELab	86.70, -28.33, 21.12
CIELCh	87, 35.339, 143.291
Yxy	69.4004, 0.3089, 0.3963
Android (android.graphics.Color)	4289718192 (0xFFAFE7B0)
YUV	207.9860, -15.7691, -28.9287
Hunter-Lab	83.3069, -29.8861, 21.5773

# Details

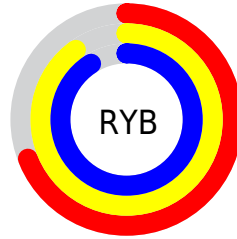
The Hex color **AFE7B0** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **E7AFE6**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **E7FFE8**, and **79AF7B** is the 20% darker color. If you saturate the color by 10%, you get **98E799**, and if you desaturate by 10%, it is **C6E7C7**.

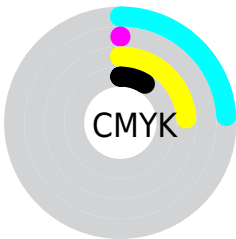
# Distribution



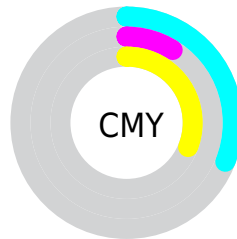
- Red (69%)
- Green (91%)
- Blue (69%)



- Red (69%)
- Yellow (90%)
- Blue (91%)



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



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

# Brightness & Saturation Gradients

These gradients show how the Hex color AFE7B0 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 AFE7B0 by changing the saturation by 10% instead.



 AFE7B0

FFFFFF

 E7FFE8

 AFE7B0

 94CB95

 79AF7B

 5F9462

 467A4A

 2D6133

 13491D

 003206

 001F00

 000000

 AFE7B0

 AFE7B0

 98E799

 C6E7C7

 81E783

 DDE7DD

 6AE76C

 F4E7F4

 53E755

 FFE7FF

 3BE73F

 24E728

 0DE711

 00E704

# Harmonies

## Analogous

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



D6DF9B



AFE7B0



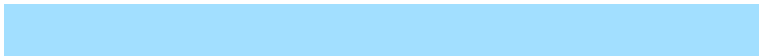
89EBD0

# Triad

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



AFE7B0



A2DFFF



FFC1C0

# Complementary

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



AFE7B0



E7AFE6

# 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.



FFC1E2



AFE7B0



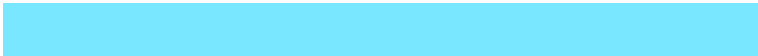
D4D3FF

# Square

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



AFE7B0



79E7FF



FDC8FF



FFC9A5

# Rectangle

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



AFE7B0



75ECE7



FDC8FF



FFC0CB



# Sweetspot

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



AFE7B0



EDFFED



E6E7AF



758075



000000



808080

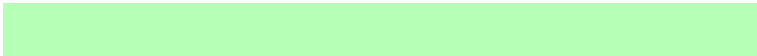


# Same Dimension

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



AFE7B0



B5FFB6



AFE7CC



677367



00B303



003301



# Inverse Universe

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



E7AFE6



FFB5FE



E7AFCA



736773



B300AF

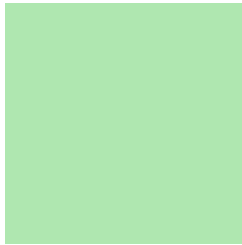


330032



# Previews

## White Background



This preview shows how the Hex color AFE7B0 looks on a white background.

## Color Contrast Check

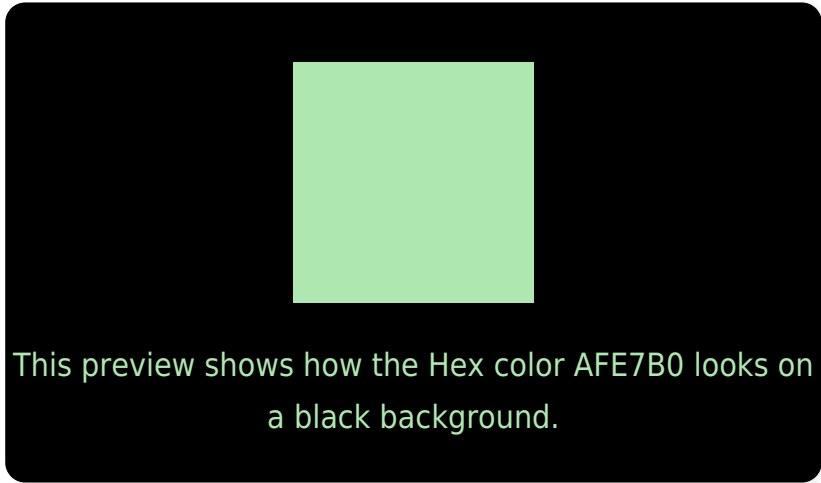
Large Text (above 18pt) WCAG AA × Fail

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

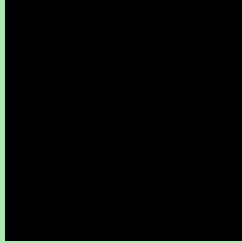
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AFE7B0 Background



This preview shows how black text looks on a background with the Hex color AFE7B0.

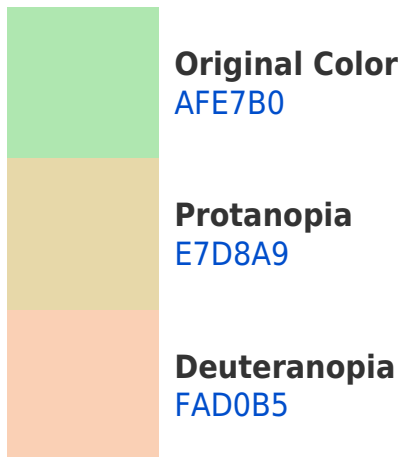


This preview shows how white text looks on a background with the Hex color AFE7B0.

# Color Blindness Simulation

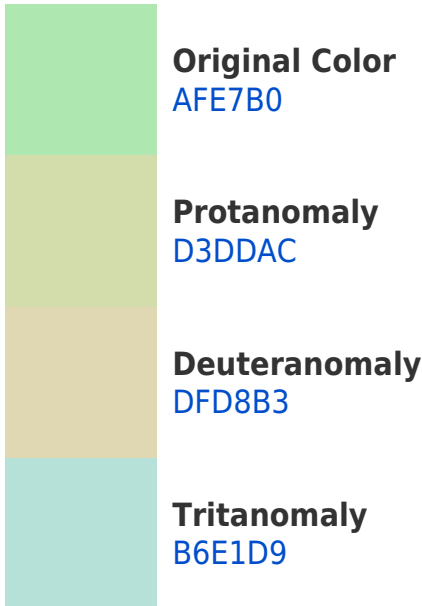
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

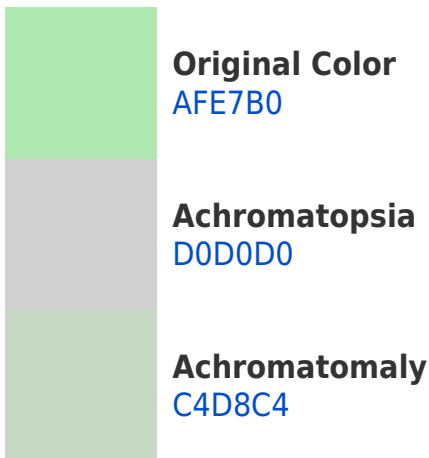




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AFE7B0 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 #AFE7B0 looks like.

```
.text, #text, p{  
    color:#AFE7B0  
}
```

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 #AFE7B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AFE7B0
}
```

## Border

The CSS property to change the border of an element to Hex AFE7B0 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
#AFE7B0 }
```

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

```
.border{ border-color:#AFE7B0 }
```

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

Here you see how a box with a 4 pixel #AFE7B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AFE7B0; -webkit-box-shadow:4px 4px  
4px 4px #AFE7B0; box-shadow:4px 4px 4px  
4px #AFE7B0 }
```

# Background

The CSS property to change the background color of an element to Hex AFE7B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AFE7B0 }
```

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

```
.background{ background-color:#AFE7B0 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor