

# Converting Colors

Hex(AAEBB4)

Have a look what the booklet for  
Hex(AAEBB4) contains.

<b>Hex(AAEBB4)</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(AAEBB4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AAEBB4
RGB	170, 235, 180
RGB Percent	67%, 92%, 71%
CMY	0.3333, 0.0784, 0.2941
CMYK	0.28, 0.00, 0.23, 0.08
HSL	129°, 62%, 79%
HSV	129°, 28%, 92%
XYZ	54.5241, 71.2580, 54.0605
YIQ	209.2950, -21.0850, -30.8850

# Conversions

## Conversions Part 2

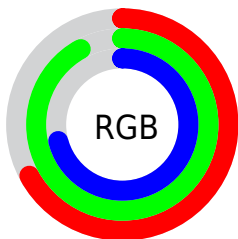
Format	Color
<a href="#">RYB</a>	<a href="#">170, 226, 235</a>
Decimal	<a href="#">11201460</a>
CIELab	<a href="#">87.61, -31.14, 20.27</a>
CIELCh	<a href="#">88, 37.159, 146.943</a>
Yxy	<a href="#">71.2580, 0.3032, 0.3962</a>
Android (android.graphics.Color)	<a href="#">4289391540 (0xFFAAEBB4)</a>
YUV	<a href="#">209.2950, -14.4424, -34.4617</a>
Hunter-Lab	<a href="#">84.4145, -32.4304, 21.1198</a>

# Details

The Hex color **AAEBB4** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **EBAAE1**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **E2FFEC**, and **74B37F** is the 20% darker color. If you saturate the color by 10%, you get **93EBA0**, and if you desaturate by 10%, it is **C2EBC8**.

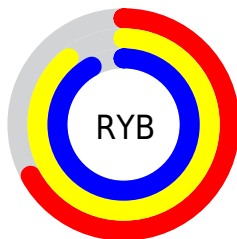
# Distribution



Red (67%)

Green (92%)

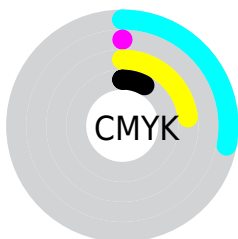
Blue (71%)



Red (67%)

Yellow (89%)

Blue (92%)

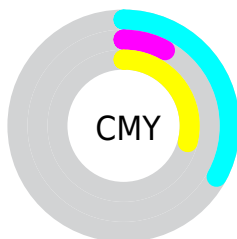


Cyan (28%)

Magenta (0%)

Yellow (23%)

Black (8%)



Cyan (33%)

Magenta (8%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AAEBB4 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 AAEBB4 by changing the saturation by 10% instead.



■ AAEBB4

FFFFFF

■ E2FFEC

■ AAEBB4

■ 8FCF99

■ 74B37F

■ 5A9866

■ 407E4E

■ 266436

■ 074C20

■ 00350A

■ 002100

■ 000000

 AAEBB4

 AAEBB4

 93EBA0

 C2EBC8

 7BEB8C

 D9EBDC

 64EB78

 F0EBF0

 4CEB64

 FFEBFF

 34EB51

 1DEB3D

 05EB29

 00EB24

# Harmonies

## Analogous

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



D3E39C



AAEBB4



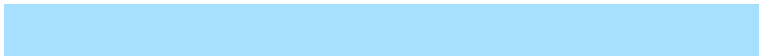
82EFD7

# Triad

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



AAE8B4



A7E0FF



FFC3BD

# Complementary

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



AAEBB4



EBAAE1

# 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.



FFC1E1



AAEBB4



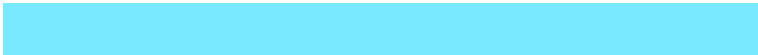
DCD4FF

# Square

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



AAEBB4



78E9FF



FFC8FF



FFCA2

# Rectangle

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



AAEBB4



6DEFEF



FFC8FF



FFC2C9

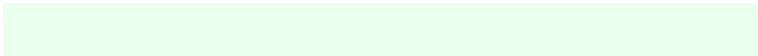


# Sweetspot

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



AAEBB4



EBFFEE



E1EBAA



738075



000000



808080

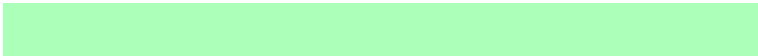


# Same Dimension

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



AEEBB4



ABFFB8



AAEBD4



6A756B



00B51C



003608



# Inverse Universe

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



EBAAE1



FFABF2



EBAAC1



756A73



B50099

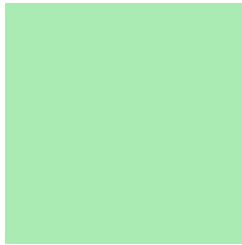


36002D



# Previews

## White Background



This preview shows how the Hex color AAEBB4 looks on a white background.

## Color Contrast Check

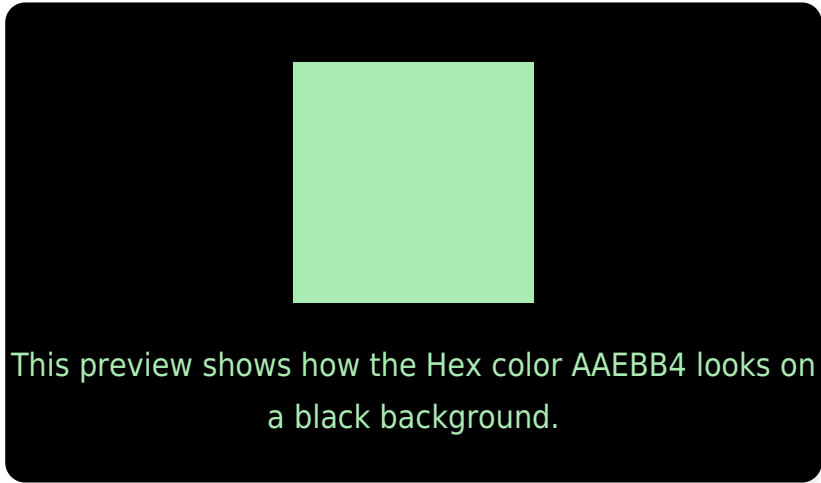
Large Text (above 18pt) WCAG AA × Fail

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

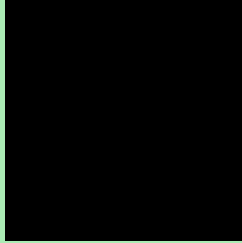
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AAEBB4 Background



This preview shows how black text looks on a background with the Hex color AAEBB4.

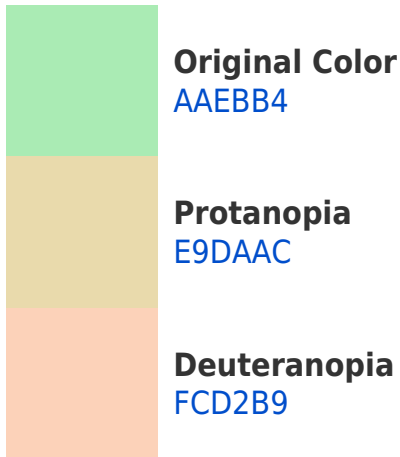


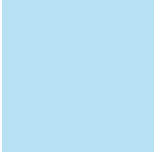
This preview shows how white text looks on a background with the Hex color AAEBB4.

# 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





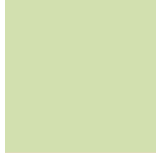
**Tritanopia**  
B6E2F4

# Trichromacy



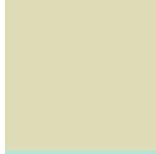
**Original Color**

AAEBB4



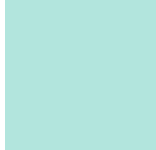
**Protanomaly**

D2E0AF



**Deuteranomaly**

DEDDB7



**Tritanomaly**

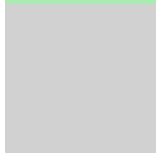
B2E5DD

# Monochromacy



**Original Color**

AAEBB4



**Achromatopsia**

D1D1D1



**Achromatomaly**

C3DAC6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AAEBB4 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 #AAEBB4 looks like.

```
.text, #text, p{  
    color:#AAEBB4  
}
```

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 #AAEBB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AAEBB4
}
```

## Border

The CSS property to change the border of an element to Hex AAEBB4 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
#AAEBB4 }
```

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

```
.border{ border-color:#AAEBB4 }
```

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

Here you see how a box with a 4 pixel #AAEBB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AAEBB4; -webkit-box-shadow:4px 4px  
4px 4px #AAEBB4; box-shadow:4px 4px 4px  
4px #AAEBB4 }
```

# Background

The CSS property to change the background color of an element to Hex AAEBB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AAEBB4 }
```

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

```
.background{ background-color:#AAEBB4 }
```

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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