

# Converting Colors

Hex(AAE1BF)

Have a look what the booklet for  
Hex(AAE1BF) contains.

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# **Color**

**Hex(AAE1BF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AAE1BF
RGB	170, 225, 191
RGB Percent	67%, 88%, 75%
CMY	0.3333, 0.1176, 0.2510
CMYK	0.24, 0.00, 0.15, 0.12
HSL	143°, 48%, 77%
HSV	143°, 24%, 88%
XYZ	52.9067, 66.1581, 59.2715
YIQ	204.6790, -21.8660, -22.2340

# Conversions

## Conversions Part 2

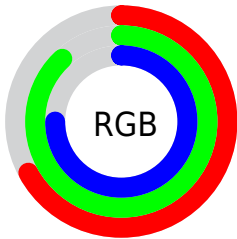
<b>Format</b>	<b>Color</b>
<b>RYB</b>	170, 210, 225
Decimal	11198911
CIELab	85.08, -24.37, 10.97
CIELCh	85, 26.729, 155.772
Yxy	66.1581, 0.2967, 0.3710
Android (android.graphics.Color)	4289388991 (0xFFAAE1BF)
YUV	204.6790, -6.7437, -30.4135
Hunter-Lab	81.3376, -26.2339, 13.7311

# Details

The Hex color **AAE1BF** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **E1AACC**, and the grayscale version is **CDCDCD**.

A 20% lighter version of the original color is **E2FFF7**, and **75AA8A** is the 20% darker color. If you saturate the color by 10%, you get **93E1B1**, and if you desaturate by 10%, it is **C1E1CD**.

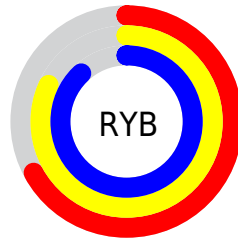
# Distribution



Red (67%)

Green (88%)

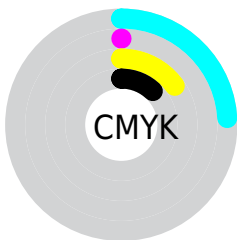
Blue (75%)



Red (67%)

Yellow (82%)

Blue (88%)

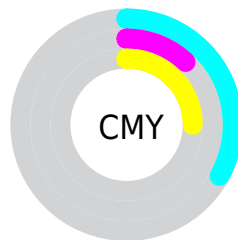


Cyan (24%)

Magenta (0%)

Yellow (15%)

Black (12%)



Cyan (33%)

Magenta (12%)

Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AAE1BF 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 AAE1BF by changing the saturation by 10% instead.



■ AAE1BF

FFFFFF

■ E2FFF7

■ AAE1BF

■ 8FC5A4

■ 75AA8A

■ 5B8F70

■ 427558

■ 295C40

■ 0F442A

■ 002E16

■ 001A00

■ 000000

 AAE1BF

 AAE1BF

 93E1B1

 C1E1CD

 7DE1A3

 D7E1DB

 67E195

 EEE1E9

 50E187

 FFE1F7

 39E179

 FFE1FF

 23E16C

 0DE15E

 00E156

# Harmonies

## Analogous

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



C7DCAB



AAE1BF



93E3D9

# Triad

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



AAE1BF



BDD5FF



FFC5B8

# Complementary

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



AAE1BF



E1AACC

# 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.



FFC2D0



AAE1BF



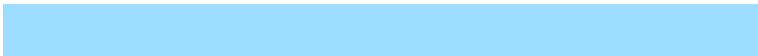
DFCCFD

# Square

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



AAE1BF



9DDDFE



F9C5EA



F9CCA7

# Rectangle

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



AAE1BF



8DE2E9



F9C5EA



FFC4C0



# Sweetspot

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



AAE1BF



EDFFF4



CDE1AA



758079



000000



808080

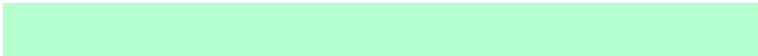


# Same Dimension

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



AAE1BF



B5FFD1



AAE1DA



657069



00B043



003012



# Inverse Universe

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



E1AACC



FFB5E3



E1AAB1



70656C



B0006D

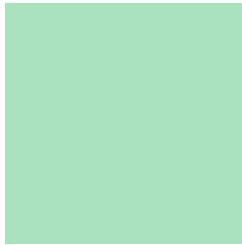


30001E



# Previews

## White Background



This preview shows how the Hex color AAE1BF looks on a white background.

## Color Contrast Check

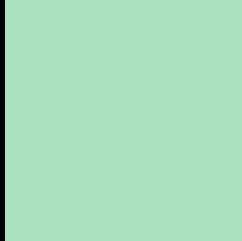
Large Text (above 18pt) WCAG AA × Fail

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 AAE1BF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

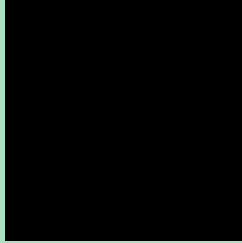
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

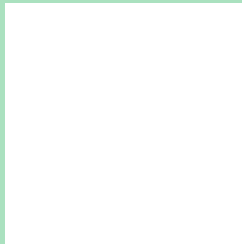
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex AAE1BF Background



This preview shows how black text looks on a background with the Hex color AAE1BF.

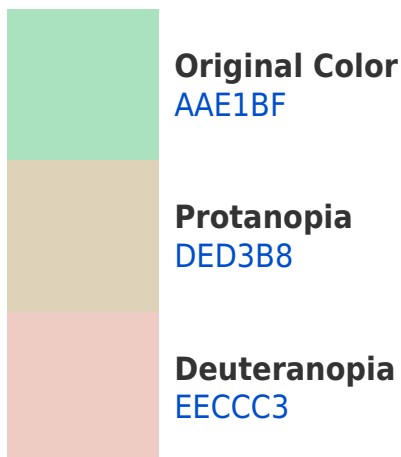


This preview shows how white text looks on a background with the Hex color AAE1BF.

# 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**  
B3DBEC

# Trichromacy



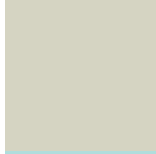
**Original Color**

AAE1BF



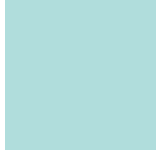
**Protanomaly**

CBD8BB



**Deuteranomaly**

D5D4C2



**Tritanomaly**

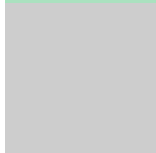
B0DDDC

# Monochromacy



**Original Color**

AAE1BF



**Achromatopsia**

CDCDCD



**Achromatomaly**

C0D4C8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AAE1BF 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 #AAE1BF looks like.

```
.text, #text, p{  
    color:#AAE1BF  
}
```

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 #AAE1BF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AAE1BF
}
```

## Border

The CSS property to change the border of an element to Hex AAE1BF 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
#AAE1BF }
```

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

```
.border{ border-color:#AAE1BF }
```

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

Here you see how a box with a 4 pixel #AAE1BF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AAE1BF; -webkit-box-shadow:4px 4px  
4px 4px #AAE1BF; box-shadow:4px 4px 4px  
4px #AAE1BF }
```

# Background

The CSS property to change the background color of an element to Hex AAE1BF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AAE1BF }
```

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

```
.background{ background-color:#AAE1BF }
```

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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