

# Converting Colors

Hex(AAEBC6)

Have a look what the booklet for  
Hex(AAEBC6) contains.

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# **Color**

**Hex(AAEBC6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AAEBC6
RGB	170, 235, 198
RGB Percent	67%, 92%, 78%
CMY	0.3333, 0.0784, 0.2235
CMYK	0.28, 0.00, 0.16, 0.08
HSL	146°, 62%, 79%
HSV	146°, 28%, 92%
XYZ	56.4789, 72.0399, 64.3544
YIQ	211.3470, -26.8630, -25.2870

# Conversions

## Conversions Part 2

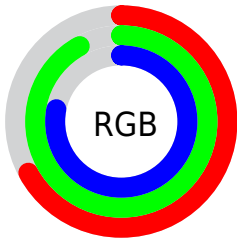
Format	Color
<a href="#">RYB</a>	<a href="#">170, 215, 235</a>
Decimal	<a href="#">11201478</a>
CIELab	<a href="#">87.99, -27.87, 11.45</a>
CIELCh	<a href="#">88, 30.125, 157.668</a>
Yxy	<a href="#">72.0399, 0.2928, 0.3735</a>
Android (android.graphics.Color)	<a href="#">4289391558 (0xFFFAEBC6)</a>
YUV	<a href="#">211.3470, -6.5801, -36.2613</a>
Hunter-Lab	<a href="#">84.8763, -29.7550, 14.4589</a>

# Details

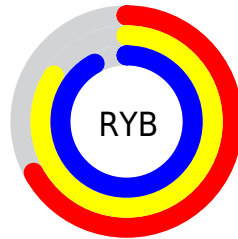
The Hex color **AAEBC6** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **EBAACF**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **E2FFFF**, and **74B390** is the 20% darker color. If you saturate the color by 10%, you get **93EBB9**, and if you desaturate by 10%, it is **C2EBD3**.

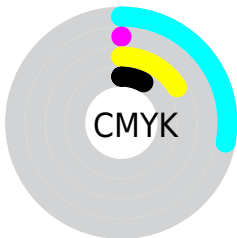
# Distribution



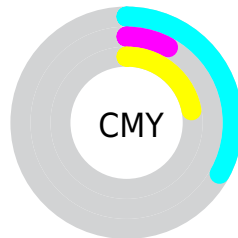
- Red (67%)
- Green (92%)
- Blue (78%)



- Red (67%)
- Yellow (84%)
- Blue (92%)



- Cyan (28%)
- Magenta (0%)
- Yellow (16%)
- Black (8%)



- Cyan (33%)
- Magenta (8%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AAEBBC6 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 AAEBBC6 by changing the saturation by 10% instead.



 AAEB C6

 AAEB C6

FFFFFF

 8FCFAB

 E2FFFF

 74B390

 5A9876

 407E5E

 276546

 084C30

 00351B

 002100

 000000

 AAEBBC6

 AAEBBC6

 93EBB9

 C2EBD3

 7BEBAB

 D9EBE1

 64EB9E

 F0EBEE

 4CEB90

 FFEBFC

 34EB83

 FFEBFF

 1DEB76

 05EB68

 00EB65

# Harmonies

## Analogous

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



CBE6AF



AAEBC6



90EDE3

# Triad

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



AAEBC6



C4DDFF



FFCBBB

# Complementary

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



AAEBC6



EBAACF

# 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.



FFC8D6



AAEBC6



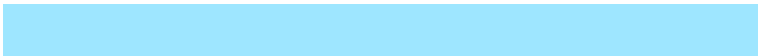
EBD3FF

# Square

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



AAEBC6



9EE6FF



FFCBF3



FFD4A8

# Rectangle

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



AAEBC6



89ECF6



FFCBF3



FFCAC3



# Sweetspot

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



AAEBC6



EBFFF3



D0EBAA



738078



000000



808080

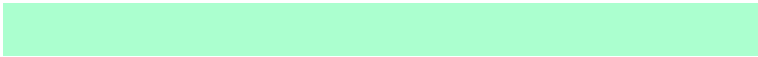


# Same Dimension

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



AAEBC6



ABFFCF



AAEBE6



6A756F



00B54E



003617



# Inverse Universe

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



EBAACF



FFABDB



EBAAAF



756A70



B50067

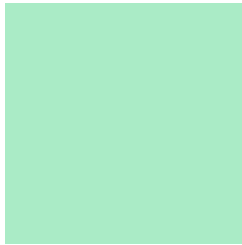


36001E



# Previews

## White Background



This preview shows how the Hex color AAEBBC6 looks on a white background.

## Color Contrast Check

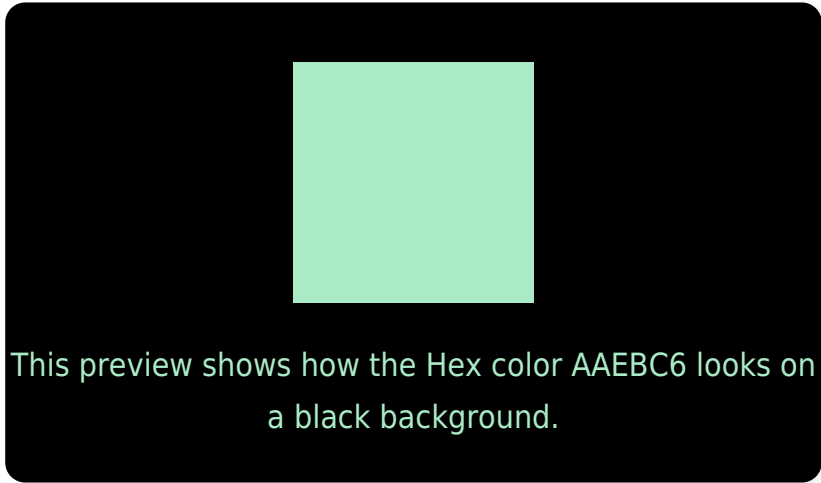
Large Text (above 18pt) WCAG AA × Fail

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

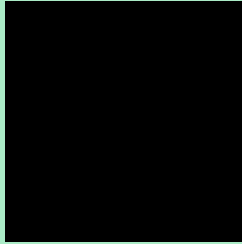
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AAEBBC6 Background



This preview shows how black text looks on a background with the Hex color AAEBBC6.

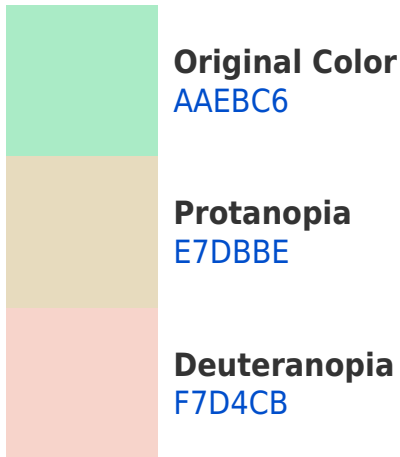


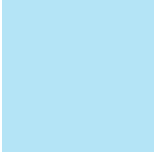
This preview shows how white text looks on a background with the Hex color AAEBBC6.

# 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





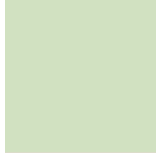
**Tritanopia**  
B4E4F6

# Trichromacy



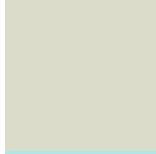
**Original Color**

AAEBC6



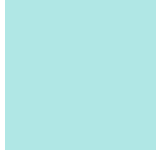
**Protanomaly**

D1E1C1



**Deuteranomaly**

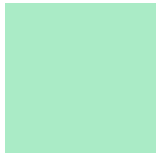
DBDCC9



**Tritanomaly**

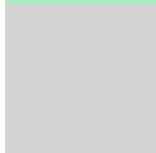
B0E7E5

# Monochromacy



**Original Color**

AAEBC6



**Achromatopsia**

D3D3D3



**Achromatomaly**

C4DCCE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AAEBBC6 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 #AAEBBC6 looks like.

```
.text, #text, p{  
    color:#AAEBBC6  
}
```

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 #AAEBC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AAEBC6  
}
```

## Border

The CSS property to change the border of an element to Hex AAEBC6 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  
#AAEBC6 }
```

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

```
.border{ border-color:#AAEBC6 }
```

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

Here you see how a box with a 4 pixel #AAEBC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AAEBC6; -webkit-box-shadow:4px 4px  
4px 4px #AAEBC6; box-shadow:4px 4px 4px  
4px #AAEBC6 }
```

# Background

The CSS property to change the background color of an element to Hex AAEB C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AAEB C6 }
```

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

```
.background{ background-color:#AAEB C6 }
```

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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