

# Converting Colors

Hex(AAE0B3)

Have a look what the booklet for  
Hex(AAE0B3) contains.

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# **Color**

**Hex(AAE0B3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AAE0B3
RGB	170, 224, 179
RGB Percent	67%, 88%, 70%
CMY	0.3333, 0.1216, 0.2980
CMYK	0.24, 0.00, 0.20, 0.12
HSL	130°, 47%, 77%
HSV	130°, 24%, 88%
XYZ	51.3699, 65.1120, 52.5082
YIQ	202.7240, -17.7390, -25.4430

# Conversions

## Conversions Part 2

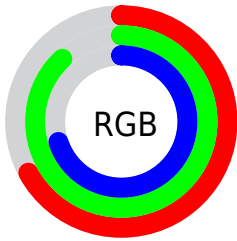
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">170, 216, 224</a>
Decimal	<a href="#">11198643</a>
CIELab	<a href="#">84.54, -26.09, 16.51</a>
CIElCh	<a href="#">85, 30.873, 147.674</a>
Yxy	<a href="#">65.1120, 0.3040, 0.3853</a>
Android (android.graphics.Color)	<a href="#">4289388723 (0xFFAAE0B3)</a>
YUV	<a href="#">202.7240, -11.6959, -28.6989</a>
Hunter-Lab	<a href="#">80.6920, -27.5749, 17.9030</a>

# Details

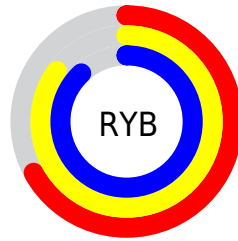
The Hex color **AAE0B3** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **E0AAD7**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **E2FFEB**, and **75A97E** is the 20% darker color. If you saturate the color by 10%, you get **94E0A0**, and if you desaturate by 10%, it is **C0E0C6**.

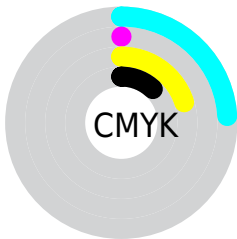
# Distribution



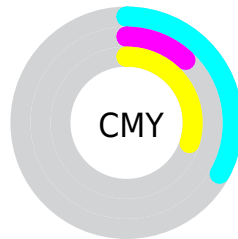
- Red (67%)
- Green (88%)
- Blue (70%)



- Red (67%)
- Yellow (85%)
- Blue (88%)



- Cyan (24%)
- Magenta (0%)
- Yellow (20%)
- Black (12%)



- Cyan (33%)
- Magenta (12%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AAE0B3 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 AAE0B3 by changing the saturation by 10% instead.



 AAE0B3

 AAE0B3

FFFFFF

 8FC498

 E2FFEB

 75A97E

 5B8E65

 42744D

 2A5B36

 104320

 002D0A

 001900

 000000

 AAE0B3

 AAE0B3

 94E0A0

 C0E0C6

 7DE08E

 D7E0D8

 67E07B

 EDE0EB

 50E068

 FFE0FE

 3AE056

 FFE0FF

 24E043

 0DE030

 00E025

# Harmonies

## Analogous

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



CCD99F



AAE0B3



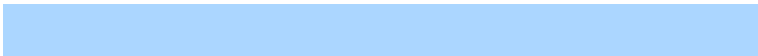
8CE3D0

# Triad

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



AAE0B3



ABD6FF



FFBFB9

# Complementary

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



AAE0B3



E0AAD7

# 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.



FFBED6



AAE0B3



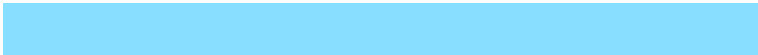
D4CCFF

# Square

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



AAE0B3



88DEFF



F6C3F3



FFC7A3

# Rectangle

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



AAE0B3



7EE3E4



F6C3F3



FFBEC3



# Sweetspot

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



AAE0B3



EDFFF0



D7E0AA



758077



000000



808080

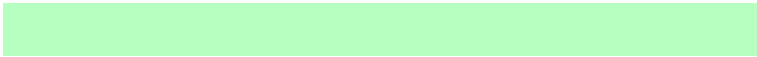


# Same Dimension

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



AAE0B3



B5FFC1



AAE0CE



657067



00B01D



003008



# Inverse Universe

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



E0AAD7



FFB5F3



E0AABC



70656E



B00093

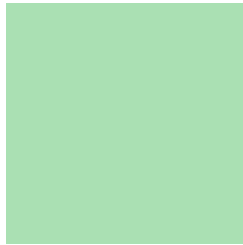


300028



# Previews

## White Background



This preview shows how the Hex color AAE0B3 looks on a white background.

## Color Contrast Check

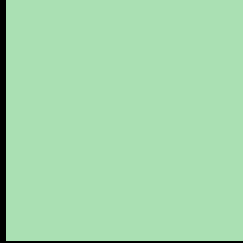
Large Text (above 18pt) WCAG AA × Fail

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 AAE0B3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

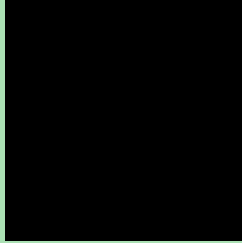
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AAE0B3 Background



This preview shows how black text looks on a background with the Hex color AAE0B3.

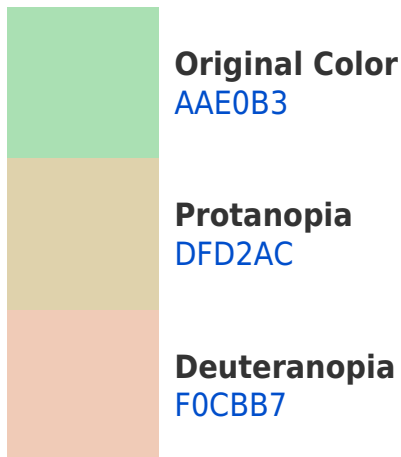


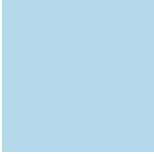
This preview shows how white text looks on a background with the Hex color AAE0B3.

# 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



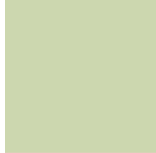


**Tritanopia**  
B4D9EA

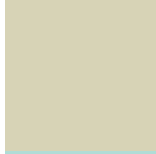
# Trichromacy



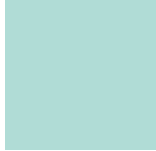
**Original Color**  
AAE0B3



**Protanomaly**  
CCD7AF



**Deuteranomaly**  
D7D3B6

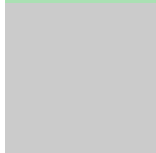


**Tritanomaly**  
B0DCD6

# Monochromacy



**Original Color**  
AAE0B3



**Achromatopsia**  
CBCBCB



**Achromatomaly**  
BFD3C2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AAE0B3 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 #AAE0B3 looks like.

```
.text, #text, p{  
    color:#AAE0B3  
}
```

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 #AAE0B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AAE0B3
}
```

## Border

The CSS property to change the border of an element to Hex AAE0B3 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
#AAE0B3 }
```

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

```
.border{ border-color:#AAE0B3 }
```

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

Here you see how a box with a 4 pixel #AAE0B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AAE0B3; -webkit-box-shadow:4px 4px  
4px 4px #AAE0B3; box-shadow:4px 4px 4px  
4px #AAE0B3 }
```

# Background

The CSS property to change the background color of an element to Hex AAE0B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AAE0B3 }
```

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

```
.background{ background-color:#AAE0B3 }
```

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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