

# Converting Colors

Hex(AAE9A0)

Have a look what the booklet for  
Hex(AAE9A0) contains.

<b>Hex(AAE9A0)</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(AAE9A0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AAE9A0
RGB	170, 233, 160
RGB Percent	67%, 91%, 63%
CMY	0.3333, 0.0863, 0.3725
CMYK	0.27, 0.00, 0.31, 0.09
HSL	112°, 62%, 77%
HSV	112°, 31%, 91%
XYZ	52.0616, 69.3619, 43.9020
YIQ	205.8410, -14.1150, -36.0590

# Conversions

## Conversions Part 2

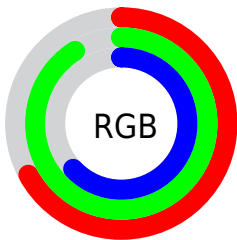
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">160, 233, 223</a>
Decimal	<a href="#">11200928</a>
CIELab	<a href="#">86.68, -33.50, 29.29</a>
CIElCh	<a href="#">87, 44.495, 138.839</a>
Yxy	<a href="#">69.3619, 0.3149, 0.4195</a>
Android (android.graphics.Color)	<a href="#">4289391008 (0xFFAAE9A0)</a>
YUV	<a href="#">205.8410, -22.5996, -31.4326</a>
Hunter-Lab	<a href="#">83.2838, -34.1643, 27.0447</a>

# Details

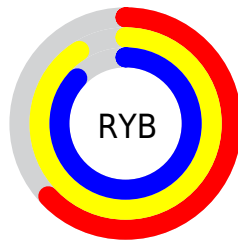
The Hex color **AAE9A0** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **DFA0E9**, and the grayscale version is **CECECE**.

A 20% lighter version of the original color is **E3FFD7**, and **74B16C** is the 20% darker color. If you saturate the color by 10%, you get **96E989**, and if you desaturate by 10%, it is **BEE9B7**.

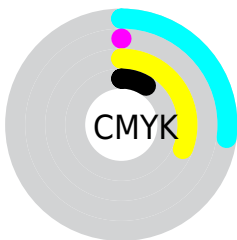
# Distribution



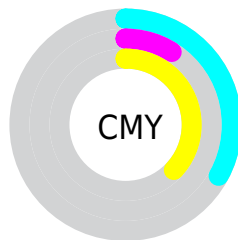
- Red (67%)
- Green (91%)
- Blue (63%)



- Red (63%)
- Yellow (91%)
- Blue (87%)



- Cyan (27%)
- Magenta (0%)
- Yellow (31%)
- Black (9%)



- Cyan (33%)
- Magenta (9%)
- Yellow (37%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AAE9A0 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 AAE9A0 by changing the saturation by 10% instead.



 AAE9A0

 AAE9A0

FFFFFF

 8FCD86

 E3FFD7

 74B16C

 FFFFF4

 5A9653

 407C3B

 256324

 054A0C

 003300

 001F00

 000000

 AAE9A0

 AAE9A0

 96E989

 BEE9B7

 82E971

 D2E9CF

 6EE95A

 E6E9E6

 5AE943

 FAE9FD

 45E92C

 FFE9FF

 31E914

 20E900

# Harmonies

## Analogous

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



DADF88



AAE9A0



74EFC7

# Triad

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



AAE9A0



81E2FF



FFB9C0

# Complementary

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



AAE9A0



DFA0E9

# 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.



FFBAEB



AAE9A0



C7D4FF

# Square

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



AAE9A0



38EBFF



FFC5FF



FFC39B

# Rectangle

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



AAE9A0



4CF0E5



FFC5FF



FFB8CE

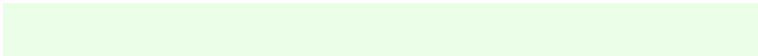


# Sweetspot

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



AAE9A0



EBFFE8



E9DEA0



738071



000000



808080

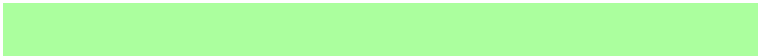


# Same Dimension

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



AAE9A0



ABFF9E



A0E9BA



6B756A



19B500



073600



# Inverse Universe

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



DFA0E9



F29EFF



E9A0CF



746A75



9C00B5

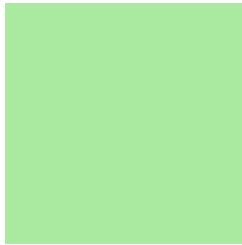


2E0036



# Previews

## White Background



This preview shows how the Hex color AAE9A0 looks on a white background.

## Color Contrast Check

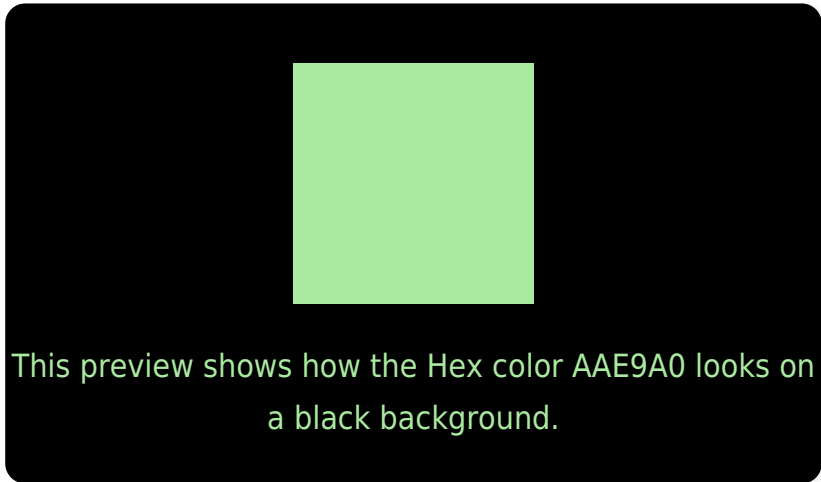
Large Text (above 18pt) WCAG AA × Fail

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

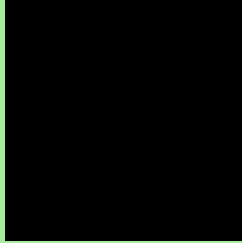
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AAE9A0 Background



This preview shows how black text looks on a background with the Hex color AAE9A0.

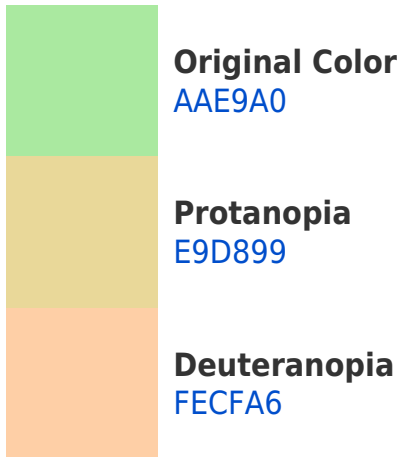


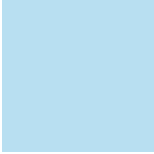
This preview shows how white text looks on a background with the Hex color AAE9A0.

# 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](#).

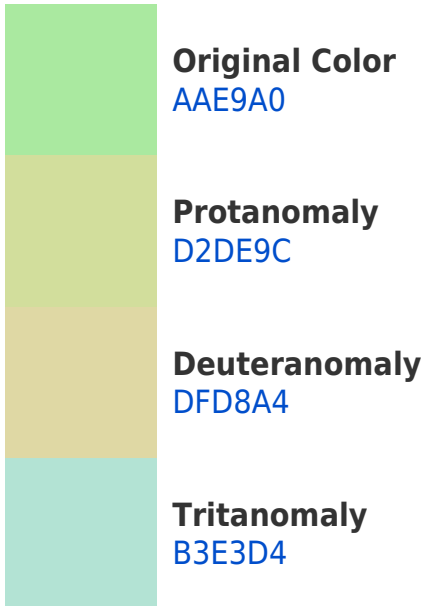
## Dichromacy



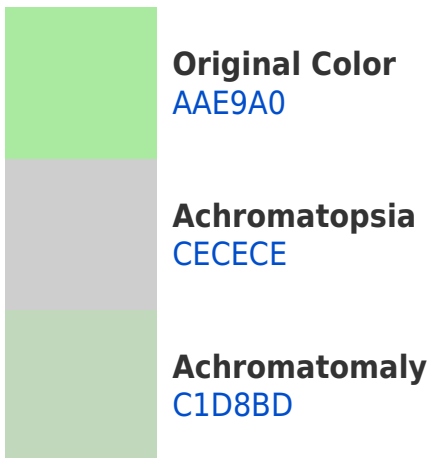


**Tritanopia**  
B8DFF1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AAE9A0 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 #AAE9A0 looks like.

```
.text, #text, p{  
    color:#AAE9A0  
}
```

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 #AAE9A0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AAE9A0  
}
```

## Border

The CSS property to change the border of an element to Hex AAE9A0 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  
#AAE9A0 }
```

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

```
.border{ border-color:#AAE9A0 }
```

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

Here you see how a box with a 4 pixel #AAE9A0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AAE9A0; -webkit-box-shadow:4px 4px  
4px 4px #AAE9A0; box-shadow:4px 4px 4px  
4px #AAE9A0 }
```

# Background

The CSS property to change the background color of an element to Hex AAE9A0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AAE9A0 }
```

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

```
.background{ background-color:#AAE9A0 }
```

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