

Converting Colors

Hex(AAE7CA)

Have a look what the booklet for
Hex(AAE7CA) contains.

Hex(AAE7CA)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(AAE7CA)

Conversions

Conversions Part 1

Format	Color
Hex	AAE7CA
RGB	170, 231, 202
RGB Percent	67%, 91%, 79%
CMY	0.3333, 0.0941, 0.2078
CMYK	0.26, 0.00, 0.13, 0.09
HSL	151°, 56%, 79%
HSV	151°, 26%, 91%
XYZ	55.8141, 69.9621, 66.4394
YIQ	209.4550, -27.0470, -21.9510

Conversions

Conversions Part 2

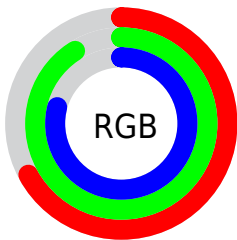
Format	Color
RYB	170, 210, 231
Decimal	11200458
CIELab	86.98, -25.17, 7.91
CIELCh	87, 26.384, 162.549
Yxy	69.9621, 0.2904, 0.3640
Android (android.graphics.Color)	4289390538 (0xFFAAE7CA)
YUV	209.4550, -3.6753, -34.6020
Hunter-Lab	83.6434, -27.2652, 11.4552

Details

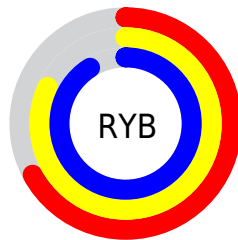
The Hex color **AAE7CA** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **E7AAC7**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **E2FFFF**, and **74AF94** is the 20% darker color. If you saturate the color by 10%, you get **93E7BF**, and if you desaturate by 10%, it is **C1E7D5**.

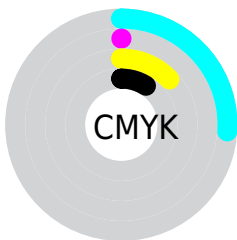
Distribution



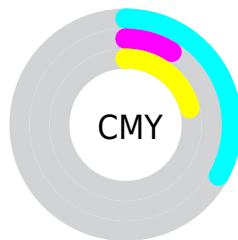
- Red (67%)
- Green (91%)
- Blue (79%)



- Red (67%)
- Yellow (82%)
- Blue (91%)



- Cyan (26%)
- Magenta (0%)
- Yellow (13%)
- Black (9%)



- Cyan (33%)
- Magenta (9%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color AAE7CA 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 AAE7CA by changing the saturation by 10% instead.

 AAE7CA

 AAE7CA

FFFFFF

 8FCBAF

 E2FFFF

 74AF94

 5A947A

 417A61

 28614A

 0B4933

 00321E

 001F05

 000000

 AAE7CA

 AAE7CA

 93E7BF

 C1E7D5

 7CE7B4

 D8E7E0

 65E7A9

 EFE7EB

 4EE79E

 FFE7F6

 36E793

 FFE7FF

 1FE788

 08E77D

 00E779

Harmonies

Analogous

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



C6E3B4



AAE7CA



97E8E4

Triad

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



AAE7CA



CAD8FF



FFCCB9

Complementary

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



AAE7CA



E7AAC7

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.



FFC8D0



AAE7CA



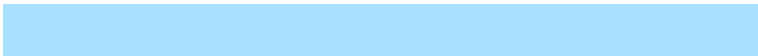
EBD0FF

Square

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



AAE7CA



AAE0FF



FFCAE9



FAD3AB

Rectangle

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



AAE7CA



93E7F4



FFCAE9



FFCAC0

Sweetspot

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



AAE7CA



EBFFF5



C7E7AA



738079



000000



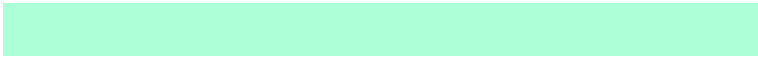
808080

Same Dimension

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



AAE7CA



ADFFD8



AAE6E7



67736D



00B35E



00331B

Inverse Universe

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



E7AAC7



FFADD4



E7ABAA



73676D



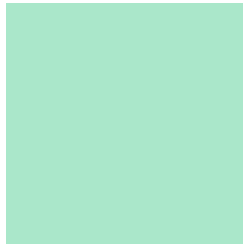
B30055



330018

Previews

White Background



This preview shows how the Hex color AAE7CA 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 AAE7CA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

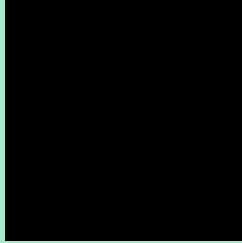
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

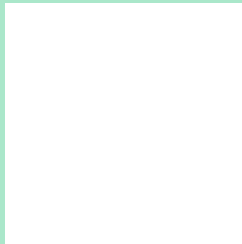
Any Text WCAG AAA ✓ Pass

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

Hex AAE7CA Background



This preview shows how black text looks on a background with the Hex color AAE7CA.

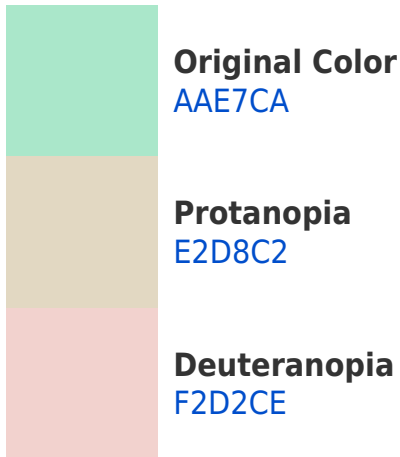


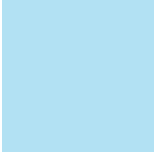
This preview shows how white text looks on a background with the Hex color AAE7CA.

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](#).

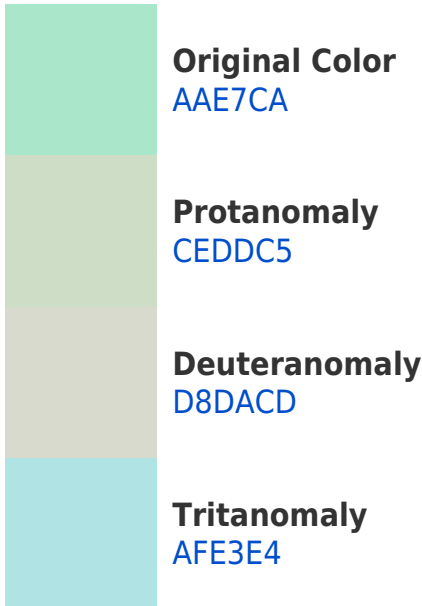
Dichromacy



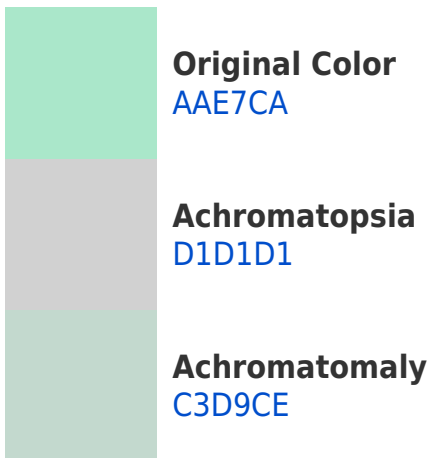


Tritanopia
B2E1F3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AAE7CA 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 #AAE7CA looks like.

```
.text, #text, p{  
    color:#AAE7CA  
}
```

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 #AAE7CA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AAE7CA
}
```

Border

The CSS property to change the border of an element to Hex AAE7CA 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
#AAE7CA }
```

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

```
.border{ border-color:#AAE7CA }
```

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

Here you see how a box with a 4 pixel #AAE7CA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AAE7CA; -webkit-box-shadow:4px 4px  
4px 4px #AAE7CA; box-shadow:4px 4px 4px  
4px #AAE7CA }
```

Background

The CSS property to change the background color of an element to Hex AAE7CA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AAE7CA }
```

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

```
.background{ background-color:#AAE7CA }
```

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