

# Converting Colors

Hex(AEE4EA)

Have a look what the booklet for  
Hex(AEE4EA) contains.

<b>Hex(AEE4EA)</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(AEE4EA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AEE4EA
RGB	174, 228, 234
RGB Percent	68%, 89%, 92%
CMY	0.3176, 0.1059, 0.0824
CMYK	0.26, 0.03, 0.00, 0.08
HSL	186°, 59%, 80%
HSV	186°, 26%, 92%
XYZ	60.0502, 70.4260, 88.2705
YIQ	212.5380, -34.1100, -9.5820

# Conversions

## Conversions Part 2

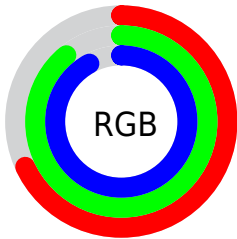
<b>Format</b>	<b>Color</b>
<b>RYB</b>	174, 202, 234
Decimal	11461866
CIELab	87.21, -15.81, -8.55
CIELCh	87, 17.975, 208.390
Yxy	70.4260, 0.2745, 0.3220
Android (android.graphics.Color)	4289651946 (0xFFAEE4EA)
YUV	212.5380, 10.5808, -33.7978
Hunter-Lab	83.9202, -19.1322, -3.6194

# Details

The Hex color **AEE4EA** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **EAB4AE**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **E7FFFF**, and **78ADB2** is the 20% darker color. If you saturate the color by 10%, you get **97E2EA**, and if you desaturate by 10%, it is **C5E6EA**.

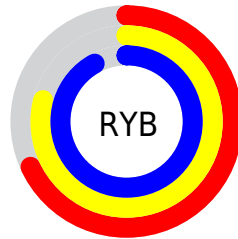
# Distribution



Red (68%)

Green (89%)

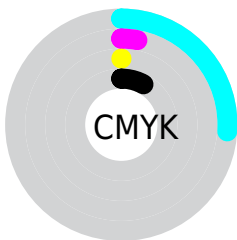
Blue (92%)



Red (68%)

Yellow (79%)

Blue (92%)

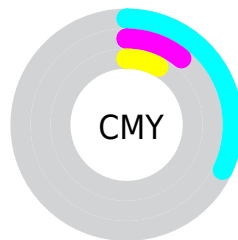


Cyan (26%)

Magenta (3%)

Yellow (0%)

Black (8%)



Cyan (32%)

Magenta (11%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AEE4EA 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 AEE4EA by changing the saturation by 10% instead.



 AEE4EA

 AEE4EA

FFFFFF

 93C8CE

 E7FFFF

 78ADB2

 5E9298

 44787E

 2A5F65

 0C474D

 003136

 001D21

 000009

 AEE4EA

 AEE4EA

 97E2EA

 C5E6EA

 7FDFEA

 DDE9EA

 68DDEA

 F4EBEA

 50DBEA

 FFEDEA

 39D8EA

 FFF0EA

 22D6EA

 FFF2EA

 0AD4EA

 FFF4EA

 00D3EA

 FFF7EA

 FFF9EA

# Harmonies

## Analogous

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



B4E4D9



AEE4EA



B5E1F7

# Triad

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



AEE4EA



F0D1ED



E9D9B9

# Complementary

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



AEE4EA



EAB4AE

# 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.



F8D3BE



AEE4EA



FCCFDC

# Square

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



AEE4EA



DDD6F8



FFD0CB



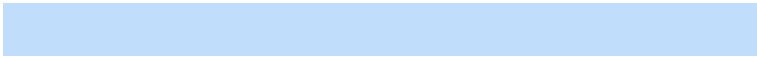
D6DEBC

# Rectangle

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



AEE4EA



C0DEFB



FFD0CB



EFD7B9

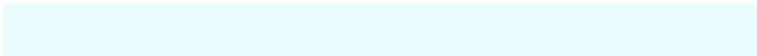


# Sweetspot

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



AEE4EA



EBFDFF



AEEAB4



737E80



000000



808080



# Same Dimension

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



AEE4EA



B0F7FF



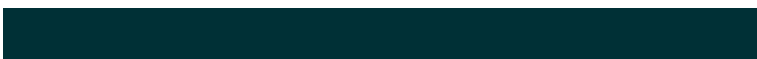
AEC7EA



6A7475



00A3B5



003036



# Inverse Universe

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



EAAEE4



FFB0F7



EAD2AE



756A74



B500A3

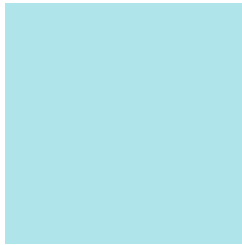


360030



# Previews

## White Background



This preview shows how the Hex color AEE4EA looks on a white background.

## Color Contrast Check

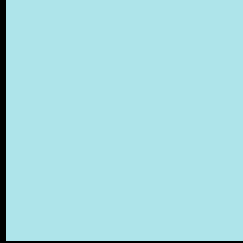
Large Text (above 18pt) WCAG AA × Fail

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 AEE4EA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

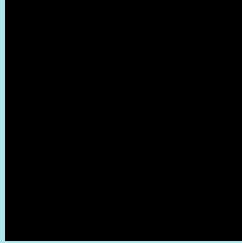
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AEE4EA Background



This preview shows how black text looks on a background with the Hex color AEE4EA.

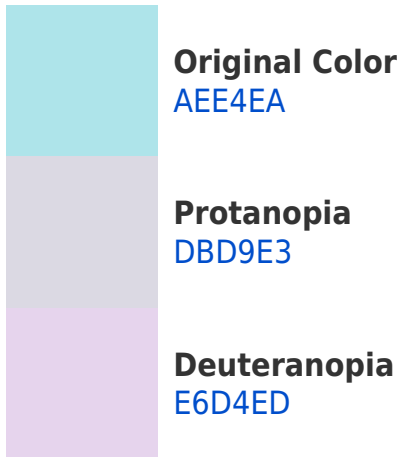


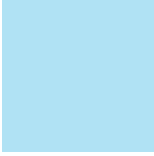
This preview shows how white text looks on a background with the Hex color AEE4EA.

# 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



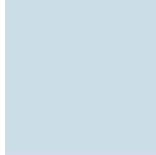


**Tritanopia**  
B0E2F4

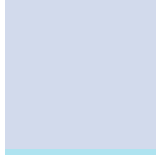
# Trichromacy



**Original Color**  
AEE4EA



**Protanomaly**  
CBDDE6



**Deuteranomaly**  
D2DAEC

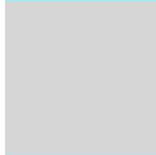


**Tritanomaly**  
AFE3F0

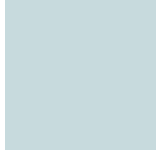
# Monochromacy



**Original Color**  
AEE4EA



**Achromatopsia**  
D5D5D5



**Achromatomaly**  
C7DADD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AEE4EA 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 #AEE4EA looks like.

```
.text, #text, p{  
    color:#AEE4EA  
}
```

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 #AEE4EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AEE4EA
}
```

## Border

The CSS property to change the border of an element to Hex AEE4EA 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
#AEE4EA }
```

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

```
.border{ border-color:#AEE4EA }
```

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

Here you see how a box with a 4 pixel #AEE4EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AEE4EA; -webkit-box-shadow:4px 4px  
4px 4px #AEE4EA; box-shadow:4px 4px 4px  
4px #AEE4EA }
```

# Background

The CSS property to change the background color of an element to Hex AEE4EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AEE4EA }
```

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

```
.background{ background-color:#AEE4EA }
```

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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