

# Converting Colors

Hex(AEE8DF)

Have a look what the booklet for  
Hex(AEE8DF) contains.

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# Color

**Hex(AEE8DF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AEE8DF
RGB	174, 232, 223
RGB Percent	68%, 91%, 87%
CMY	0.3176, 0.0902, 0.1255
CMYK	0.25, 0.00, 0.04, 0.09
HSL	171°, 56%, 80%
HSV	171°, 25%, 91%
XYZ	59.6315, 72.0396, 80.5742
YIQ	213.6320, -31.6790, -15.0950

# Conversions

## Conversions Part 2

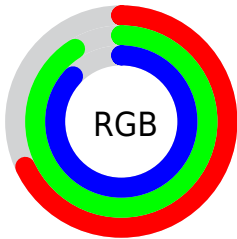
<b>Format</b>	<b>Color</b>
<b>RYB</b>	174, 205, 232
Decimal	11462879
CIELab	87.99, -20.18, -1.61
CIELCh	88, 20.249, 184.567
Yxy	72.0396, 0.2810, 0.3394
Android (android.graphics.Color)	4289652959 (0xFFAEE8DF)
YUV	213.6320, 4.6184, -34.7573
Hunter-Lab	84.8762, -23.1245, 3.1284

# Details

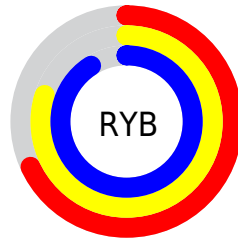
The Hex color **AEE8DF** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **E8AEB7**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **E7FFFF**, and **78B0A8** is the 20% darker color. If you saturate the color by 10%, you get **97E8DB**, and if you desaturate by 10%, it is **C5E8E3**.

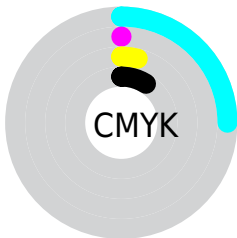
# Distribution



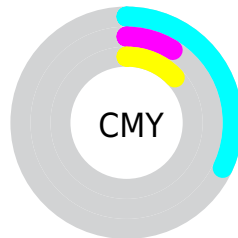
- Red (68%)
- Green (91%)
- Blue (87%)



- Red (68%)
- Yellow (80%)
- Blue (91%)



- Cyan (25%)
- Magenta (0%)
- Yellow (4%)
- Black (9%)



- Cyan (32%)
- Magenta (9%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AEE8DF 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 AEE8DF by changing the saturation by 10% instead.



 AEE8DF

 AEE8DF

FFFFFF

 93CCC3

 E7FFFF

 78B0A8

 5E958E

 447B74

 2B625B

 0E4A44

 00332E

 001F19

 000000

 AEE8DF

 AEE8DF

 97E8DB

 C5E8E3

 80E8D8

 DCE8E6

 68E8D4

 F4E8EA

 51E8D1

 FFE8ED

 3AE8CD

 FFE8F1

 23E8C9

 FFE8F5

 0CE8C6

 FFE8F8

 00E8C4

 FFE8FC

 FFE8FF

# Harmonies

## Analogous

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



BEE6CC



AEE8DF



AAE7F2

# Triad

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



AEE8DF



E4D7FC



FAD6BA

# Complementary

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



AEE8DF



E8AEB7

# 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.



FFD1C8



AEE8DF



F9D1EE

# Square

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



AEE8DF



CBDDFF



FFCFDA



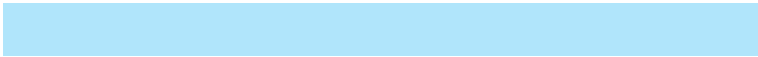
E9DCB6

# Rectangle

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



AEE8DF



B0E5FB



FFCFDA



FFD4BE



# Sweetspot

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



AEE8DF



EBFFFC



B8E8AE



73807E



000000



808080

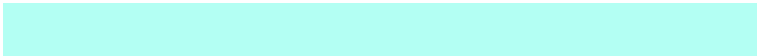


# Same Dimension

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



AEE8DF



B3FFF3



AED5E8



677371



00B397



00332B



# Inverse Universe

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



E8AEB7



FFB3BE



E8C1AE



736769



B3001C

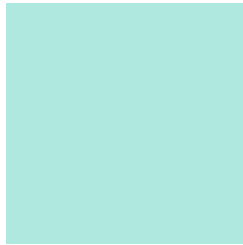


330008



# Previews

## White Background



This preview shows how the Hex color AEE8DF looks on a white background.

## Color Contrast Check

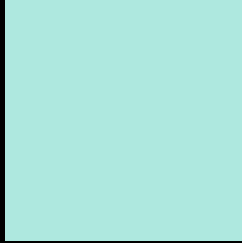
Large Text (above 18pt) WCAG AA × Fail

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 AEE8DF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

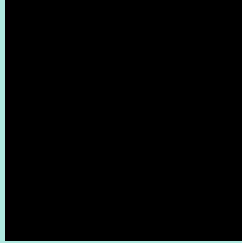
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

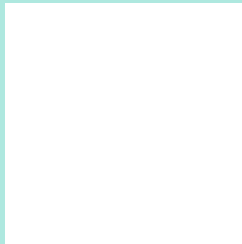
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex AEE8DF Background



This preview shows how black text looks on a background with the Hex color AEE8DF.

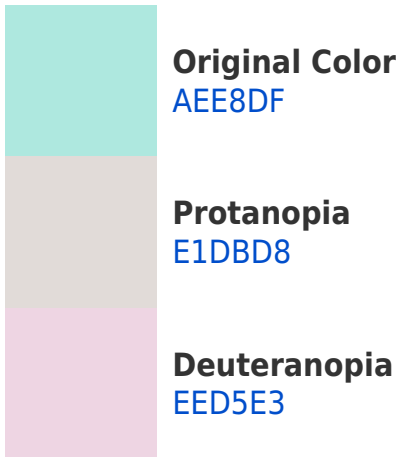


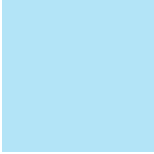
This preview shows how white text looks on a background with the Hex color AEE8DF.

# 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



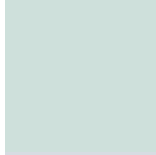


**Tritanopia**  
B3E4F7

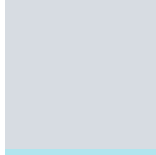
# Trichromacy



**Original Color**  
AEE8DF



**Protanomaly**  
CEE0DB



**Deuteranomaly**  
D7DCE2

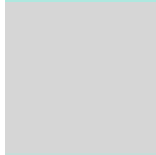


**Tritanomaly**  
B1E5EE

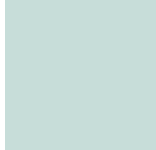
# Monochromacy



**Original Color**  
AEE8DF



**Achromatopsia**  
D6D6D6



**Achromatomaly**  
C7DDD9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AEE8DF 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 #AEE8DF looks like.

```
.text, #text, p{  
    color:#AEE8DF  
}
```

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 #AEE8DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AEE8DF
}
```

## Border

The CSS property to change the border of an element to Hex AEE8DF 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
#AEE8DF }
```

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

```
.border{ border-color:#AEE8DF }
```

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

Here you see how a box with a 4 pixel #AEE8DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AEE8DF; -webkit-box-shadow:4px 4px  
4px 4px #AEE8DF; box-shadow:4px 4px 4px  
4px #AEE8DF }
```

# Background

The CSS property to change the background color of an element to Hex AEE8DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AEE8DF }
```

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

```
.background{ background-color:#AEE8DF }
```

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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