

# Converting Colors

Hex(AEE4F0)

Have a look what the booklet for  
Hex(AEE4F0) contains.

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# **Color**

**Hex(AEE4F0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AEE4F0
RGB	174, 228, 240
RGB Percent	68%, 89%, 94%
CMY	0.3176, 0.1059, 0.0588
CMYK	0.27, 0.05, 0.00, 0.06
HSL	191°, 69%, 81%
HSV	191°, 27%, 94%
XYZ	60.9271, 70.7767, 92.8882
YIQ	213.2220, -36.0360, -7.7160

# Conversions

## Conversions Part 2

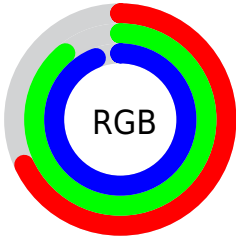
<b>Format</b>	<b>Color</b>
<b>RYB</b>	174, 204, 240
Decimal	11461872
CIELab	87.38, -14.47, -11.45
CIELCh	87, 18.453, 218.347
Yxy	70.7767, 0.2713, 0.3151
Android (android.graphics.Color)	4289651952 (0xFFAEE4F0)
YUV	213.2220, 13.2016, -34.3977
Hunter-Lab	84.1289, -17.9538, -6.5728

# Details

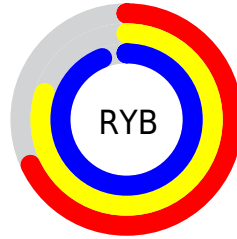
The Hex color **AEE4F0** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **F0BAAE**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **E7FFFF**, and **78ADB8** is the 20% darker color. If you saturate the color by 10%, you get **96E0F0**, and if you desaturate by 10%, it is **C6E8F0**.

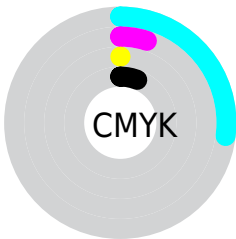
# Distribution



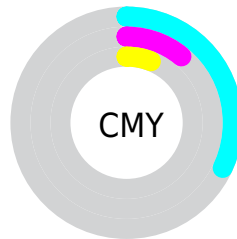
- Red (68%)
- Green (89%)
- Blue (94%)



- Red (68%)
- Yellow (80%)
- Blue (94%)



- Cyan (27%)
- Magenta (5%)
- Yellow (0%)
- Black (6%)



- Cyan (32%)
- Magenta (11%)
- Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AEE4F0 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 AEE4F0 by changing the saturation by 10% instead.



 AEE4F0

 AEE4F0

FFFFFF

 93C8D4


 E7FFFF

 78ADB8

 5D929D

 437883

 295F6A

 084752

 00313B

 001D25

 000110

 AEE4F0

 AEE4F0

 96E0F0

 C6E8F0

 7EDBF0

 DEEDF0

 66D7F0

 F6F1F0

 4ED3F0

 FFF5F0

 36CEF0

 FFFAF0

 1ECAF0

 FFFEFO

 06C5F0

 FFFFF0

 00C4F0

# Harmonies

## Analogous

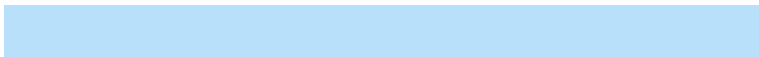
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B0E5DF



AEE4F0



B9E0FB

# Triad

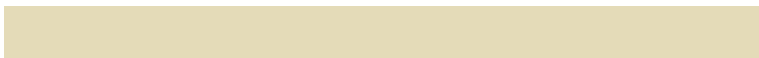
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



AEE4F0



F6D0E8



E4DBB8

# Complementary

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



AEE4F0



F0BAAE

# 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.



F5D6BB



AEE4F0



FFCFD7

# Square

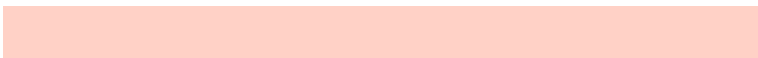
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



AEE4F0



E4D5F6



FFD1C6



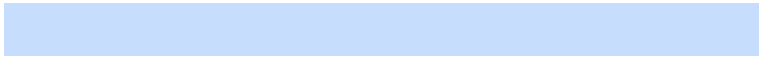
D0E1BF

# Rectangle

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



AEE4F0



C6DDFE



FFD1C6



EAD9B8

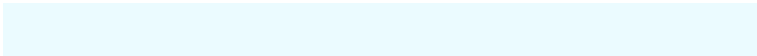


# Sweetspot

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



AEE4F0



EBFBFF



AEF0B9



737D80



000000



808080

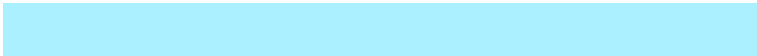


# Same Dimension

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



AEE4F0



ABF0FF



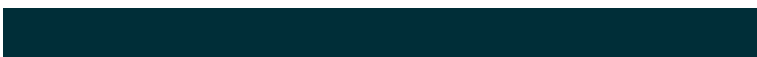
AEC4F0



6C7678



0096B8



002E38



# Inverse Universe

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



F0AEE4



FFABF0



F0DAAE



786C76



B80096

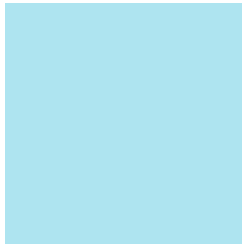


38002E



# Previews

## White Background



This preview shows how the Hex color AEE4F0 looks on a white background.

## Color Contrast Check

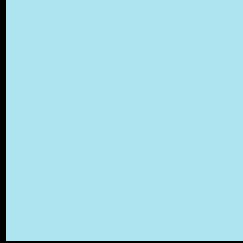
Large Text (above 18pt) WCAG AA × Fail

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 AEE4F0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

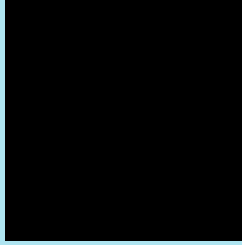
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AEE4F0 Background



This preview shows how black text looks on a background with the Hex color AEE4F0.

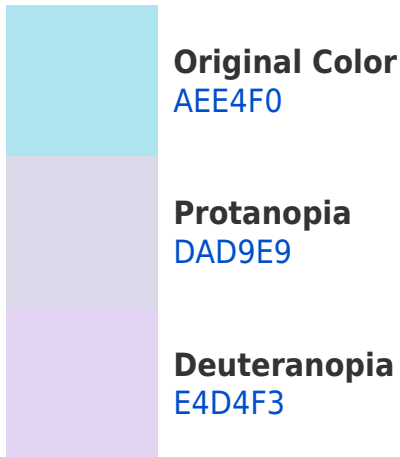


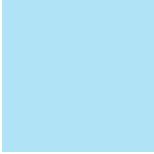
This preview shows how white text looks on a background with the Hex color AEE4F0.

# 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](#).

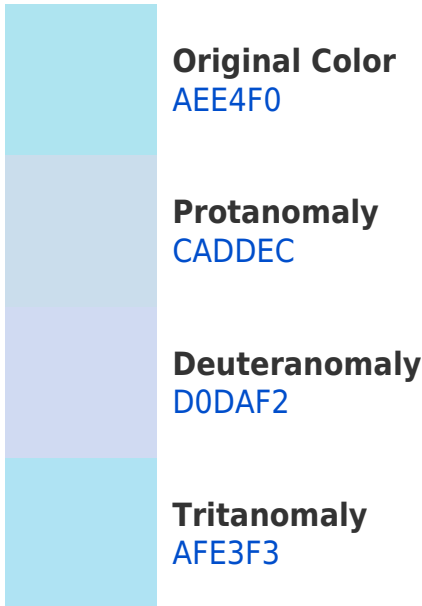
## Dichromacy



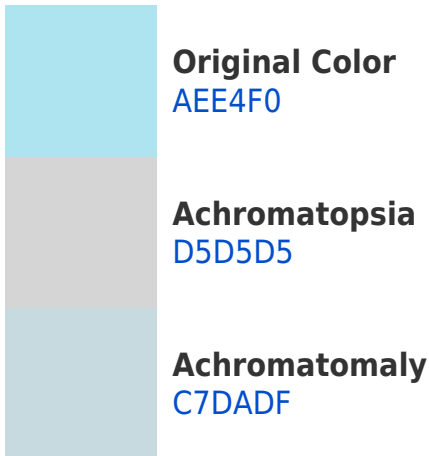


**Tritanopia**  
AFE3F5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AEE4F0 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 #AEE4F0 looks like.

```
.text, #text, p{  
    color:#AEE4F0  
}
```

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 #AEE4F0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AEE4F0
}
```

## Border

The CSS property to change the border of an element to Hex AEE4F0 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
#AEE4F0 }
```

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

```
.border{ border-color:#AEE4F0 }
```

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

Here you see how a box with a 4 pixel #AEE4F0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AEE4F0; -webkit-box-shadow:4px 4px  
4px 4px #AEE4F0; box-shadow:4px 4px 4px  
4px #AEE4F0 }
```

# Background

The CSS property to change the background color of an element to Hex AEE4F0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AEE4F0 }
```

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

```
.background{ background-color:#AEE4F0 }
```

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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