

# Converting Colors

Hex(AEEFF0)

Have a look what the booklet for  
Hex(AEEFF0) contains.

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# **Color**

**Hex(AEEFF0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AEEFF0
RGB	174, 239, 240
RGB Percent	68%, 94%, 94%
CMY	0.3176, 0.0627, 0.0588
CMYK	0.27, 0.00, 0.00, 0.06
HSL	181°, 69%, 81%
HSV	181°, 27%, 94%
XYZ	64.0502, 77.0229, 93.9292
YIQ	219.6790, -39.0610, -13.4690

# Conversions

## Conversions Part 2

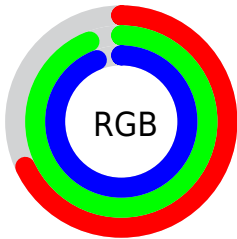
<b>Format</b>	<b>Color</b>
<b>RYB</b>	174, 207, 240
Decimal	11464688
CIELab	90.33, -19.97, -7.06
CIELCh	90, 21.179, 199.467
Yxy	77.0229, 0.2726, 0.3278
Android (android.graphics.Color)	4289654768 (0xFFAEEFF0)
YUV	219.6790, 10.0183, -40.0605
Hunter-Lab	87.7627, -23.3134, -2.0220

# Details

The Hex color **AEEFF0** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **F0AFAE**, and the grayscale version is **DCDCDC**.

A 20% lighter version of the original color is **E7FFFF**, and **77B7B8** is the 20% darker color. If you saturate the color by 10%, you get **96EFF0**, and if you desaturate by 10%, it is **C6EFF0**.

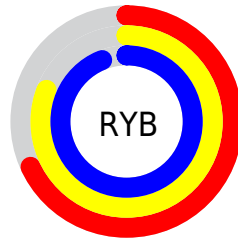
# Distribution



Red (68%)

Green (94%)

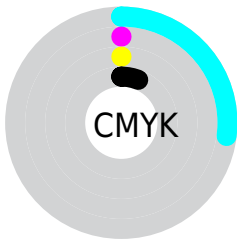
Blue (94%)



Red (68%)

Yellow (81%)

Blue (94%)

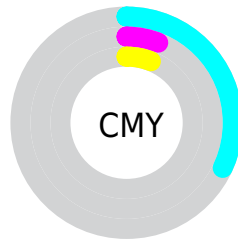


Cyan (27%)

Magenta (0%)

Yellow (0%)

Black (6%)



Cyan (32%)

Magenta (6%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AEEFF0 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 AEEFF0 by changing the saturation by 10% instead.



 AEEFF0

FFFFFF

 E7FFFF

 AEEFF0

 92D3D4

 77B7B8

 5D9C9D

 428283

 27686A

 025052

 00393B

 002325

 000311

 AEEFF0

 AEEFF0

 96EFF0

 C6EFF0

 7EEEF0

 DEF0F0

 66EEF0

 F6F0F0

 4EEEF0

 FFF0F0

 36EDF0

 FFF1F0

 1EEDF0

 FFF2F0

 06ECF0

 00ECF0

# Harmonies

## Analogous

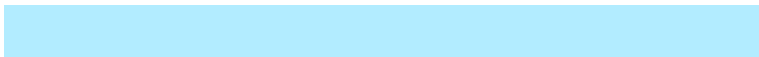
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



B9EFDB



AEEFF0



B2ECFF

# Triad

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



AEEFF0



F7DAFE



FADFBC

# Complementary

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



AEEFF0



FOAFAE

# 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.



FFD9C5



AEEFF0



FFD6EB

# Square

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



AEEFF0



DEE1FF



FFD6D7



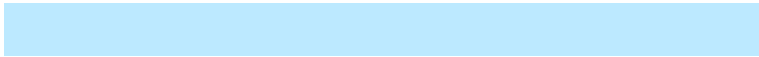
E5E6BD

# Rectangle

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



AEEFF0



BCE9FF



FFD6D7



FFDDBE



# Sweetspot

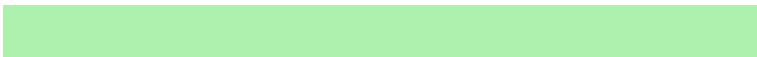
The Sweet Spot groups the original color and five complimentary colors.



AEEFF0



EBFFFF



AEF0AE



737F80



000000



808080



# Same Dimension

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



AEEFF0



ABFEFF



AECFF0



6C7878



00B5B8



003738



# Inverse Universe

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



FOAEEF



FFABFE



F0CFAE



786C78



B800B5

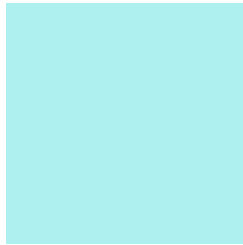


380037



# Previews

## White Background



This preview shows how the Hex color AEEFF0 looks on a white background.

## Color Contrast Check

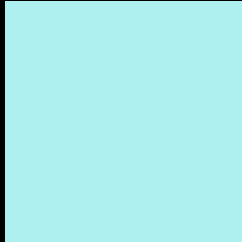
Large Text (above 18pt) WCAG AA × Fail

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 AEEFF0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

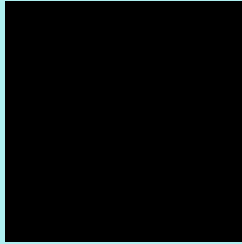
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AEEFF0 Background



This preview shows how black text looks on a background with the Hex color AEEFF0.

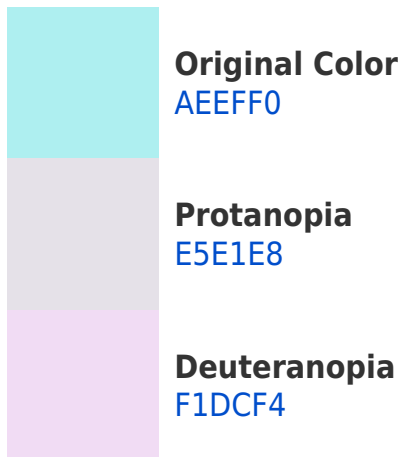


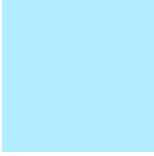
This preview shows how white text looks on a background with the Hex color AEEFF0.

# 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



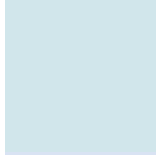


**Tritanopia**  
B3ECFF

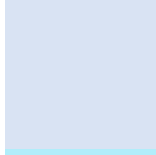
# Trichromacy



**Original Color**  
AEEFF0



**Protanomaly**  
D1E6EB



**Deuteranomaly**  
D9E3F3

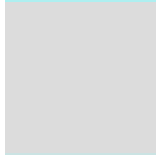


**Tritanomaly**  
B1EDFA

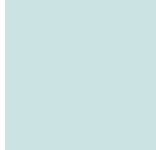
# Monochromacy



**Original Color**  
AEEFF0



**Achromatopsia**  
DCDCDC



**Achromatomaly**  
CBE3E3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AEEFF0 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 #AEEFF0 looks like.

```
.text, #text, p{  
    color:#AEEFF0  
}
```

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 #AEEFF0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AEEFF0  
}
```

## Border

The CSS property to change the border of an element to Hex AEEFF0 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  
#AEEFF0 }
```

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

```
.border{ border-color:#AEEFF0 }
```

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

Here you see how a box with a 4 pixel #AEEFF0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AEEFF0; -webkit-box-shadow:4px 4px  
4px 4px #AEEFF0; box-shadow:4px 4px 4px  
4px #AEEFF0 }
```

# Background

The CSS property to change the background color of an element to Hex AEEFF0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AEEFF0 }
```

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

```
.background{ background-color:#AEEFF0 }
```

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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