

Converting Colors

Hex(AEEFE6)

Have a look what the booklet for
Hex(AEEFE6) contains.

Hex(AEEFE6)	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(AEEFE6)

Conversions

Conversions Part 1

Format	Color
Hex	AEEFE6
RGB	174, 239, 230
RGB Percent	68%, 94%, 90%
CMY	0.3176, 0.0627, 0.0980
CMYK	0.27, 0.00, 0.04, 0.06
HSL	172°, 67%, 81%
HSV	172°, 27%, 94%
XYZ	62.6050, 76.4448, 86.3186
YIQ	218.5390, -35.8510, -16.5790

Conversions

Conversions Part 2

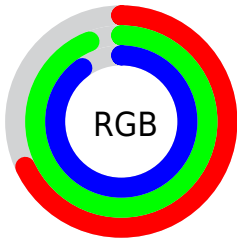
Format	Color
RYB	174, 209, 239
Decimal	11464678
CIELab	90.07, -22.14, -2.23
CIELCh	90, 22.253, 185.753
Yxy	76.4448, 0.2778, 0.3392
Android (android.graphics.Color)	4289654758 (0xFFAEEFE6)
YUV	218.5390, 5.6503, -39.0607
Hunter-Lab	87.4327, -25.1949, 2.6684

Details

The Hex color **AEEFE6** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **EFAEB7**, and the grayscale version is **DBDBDB**.

A 20% lighter version of the original color is **E7FFFF**, and **78B7AF** is the 20% darker color. If you saturate the color by 10%, you get **96EFE3**, and if you desaturate by 10%, it is **C6EFE9**.

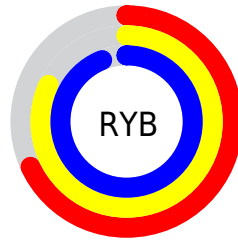
Distribution



Red (68%)

Green (94%)

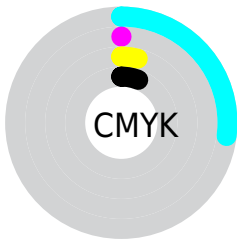
Blue (90%)



Red (68%)

Yellow (82%)

Blue (94%)

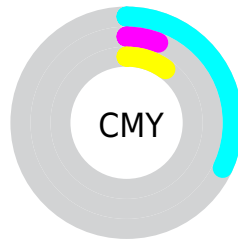


Cyan (27%)

Magenta (0%)

Yellow (4%)

Black (6%)



Cyan (32%)

Magenta (6%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color AEEFE6 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 AEEFE6 by changing the saturation by 10% instead.

 AEEFE6

 AEEFE6

FFFFFF

 92D3CA

 E7FFFF

 78B7AF

 5D9C94

 43827A

 286861

 07504A

 003933

 00231E

 000106

 AEEFE6

 AEEFE6

 96EFE3

 C6EFE9

 7EEFDF

 DEEFED

 66EFDC

 F6EFF0

 4EEFD9

 FFEFF3

 37EFD5

 FFEFF7

 1FEFD2

 FFEFFA

 07EFCF

 FFEFFD

 00EFCE

 FFEFFF

Harmonies

Analogous

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



BFEDD0



AEEFE6



AAEEFB

Triad

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



AEEFE6



ECDCFF



FFDBBC

Complementary

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



AEEFE6



EFAEB7

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.



FFD6CB



AEEFE6



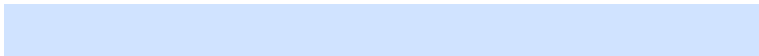
FFD6F4

Square

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



AEEFE6



D0E3FF



FFD4DF



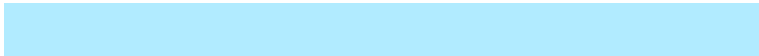
EFE2B8

Rectangle

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



AEEFE6



B1EBFF



FFD4DF



FFD9C0

Sweetspot

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



AEEFE6



EBFFFC



B8EFAE



73807E



000000



808080

Same Dimension

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



AEEFE6



ABFFF3



AED8EF



6C7876



00B89E



003830

Inverse Universe

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



EFAEB7



FFABB7



EFC5AE



786C6E



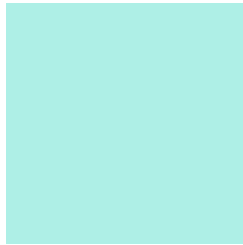
B80019



380008

Previews

White Background



This preview shows how the Hex color AEEFE6 looks on a white background.

Color Contrast Check

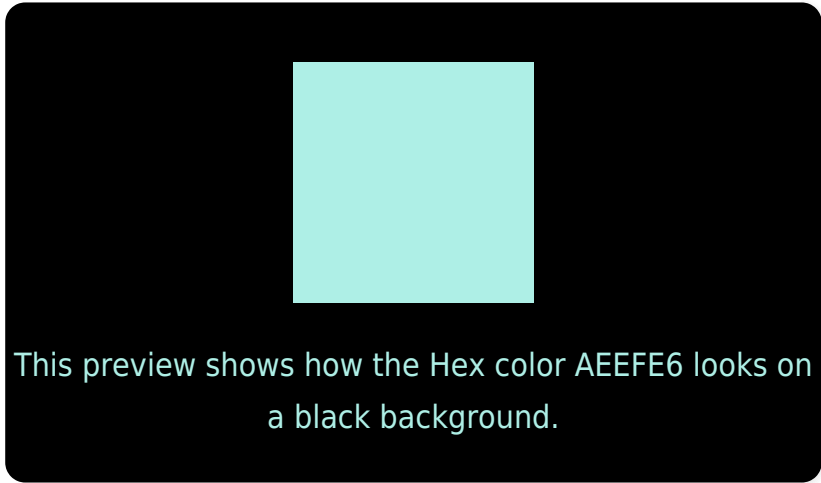
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 AEEFE6 Background



This preview shows how black text looks on a background with the Hex color AEEFE6.



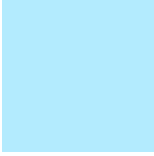
This preview shows how white text looks on a background with the Hex color AEEFE6.

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



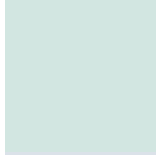


Tritanopia
B3EBFE

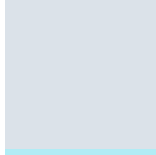
Trichromacy



Original Color
AEEFE6



Protanomaly
D2E6E1



Deuteranomaly
DBE2E9

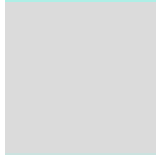


Tritanomaly
B1ECF5

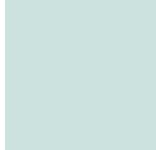
Monochromacy



Original Color
AEEFE6



Achromatopsia
DBDBDB



Achromatomaly
CBE2DF

CSS Examples

Text

The CSS property to change the color of the text to Hex AEEFE6 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 #AEEFE6 looks like.

```
.text, #text, p{  
    color:#AEEFE6  
}
```

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 #AEEFE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AEEFE6  
}
```

Border

The CSS property to change the border of an element to Hex AEEFE6 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  
#AEEFE6 }
```

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

```
.border{ border-color:#AEEFE6 }
```

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

Here you see how a box with a 4 pixel #AEEFE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AEEFE6; -webkit-box-shadow:4px 4px  
4px 4px #AEEFE6; box-shadow:4px 4px 4px  
4px #AEEFE6 }
```

Background

The CSS property to change the background color of an element to Hex AEEFE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AEEFE6 }
```

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

```
.background{ background-color:#AEEFE6 }
```

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