

Converting Colors

Hex(AEE67F)

Have a look what the booklet for
Hex(AEE67F) contains.

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Color

Hex(AEE67F)

Conversions

Conversions Part 1

Format	Color
Hex	AEE67F
RGB	174, 230, 127
RGB Percent	68%, 90%, 50%
CMY	0.3176, 0.0980, 0.5020
CMYK	0.24, 0.00, 0.45, 0.10
HSL	93°, 67%, 70%
HSV	93°, 45%, 90%
XYZ	49.5831, 67.1246, 30.4217
YIQ	201.5140, -0.3130, -43.9050

Conversions

Conversions Part 2

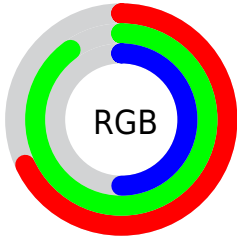
Format	Color
RYB	127, 230, 183
Decimal	11462271
CIELab	85.57, -35.29, 44.37
CIELCh	86, 56.687, 128.496
Yxy	67.1246, 0.3370, 0.4562
Android (android.graphics.Color)	4289652351 (0xFFAEE67F)
YUV	201.5140, -36.7354, -24.1298
Hunter-Lab	81.9296, -35.3501, 35.3354

Details

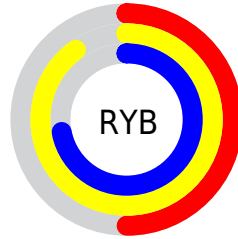
The Hex color **AEE67F** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **B77FE6**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **E7FFB5**, and **77AE4B** is the 20% darker color. If you saturate the color by 10%, you get **A1E668**, and if you desaturate by 10%, it is **BBE696**.

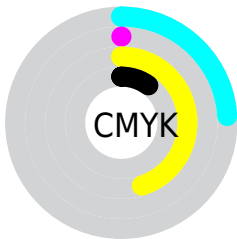
Distribution



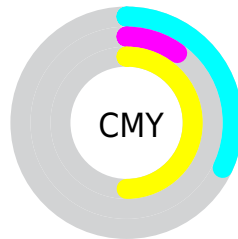
- Red (68%)
- Green (90%)
- Blue (50%)



- Red (50%)
- Yellow (90%)
- Blue (72%)



- Cyan (24%)
- Magenta (0%)
- Yellow (45%)
- Black (10%)



- Cyan (32%)
- Magenta (10%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color AEE67F 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 AEE67F by changing the saturation by 10% instead.

 AEE67F

 AEE67F

FFFFFF

 92CA65

 E7FFB5

 77AE4B

 FFFFD1

 5C9332

 FFFFEE

 427917

 276000

 094800

 003100

 001C00

 000000

 AEE67F

 AEE67F

 A1E668

 BBE696

 95E651

 C7E6AD

 88E63A

 D4E6C4

 7CE623

 E0E6DB

 6FE60C

 EDE6F2

 69E600

 F9E6FF

 FFE6FF

Harmonies

Analogous

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



E8D868



AEE67F



63EFAD

Triad

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



AEE67F



00E6FF



FFA9C9

Complementary

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



AEE67F



B77FE6

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.



FFB0FE



AEE67F



99D6FF

Square

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



AEE67F



00EFFF



EFC2FF



FFB396

Rectangle

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



AEE67F



00F1D1



EFC2FF



FFAADB

Sweetspot

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



AEE67F



EDFFDE



E6B67F



74806B



000000



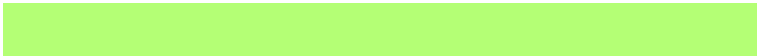
808080

Same Dimension

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



AEE67F



B4FF75



7FE682



6D7367



51B300



173300

Inverse Universe

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



B77FE6



C075FF



E67FE3



6E6773



6100B3



1C0033

Previews

White Background



This preview shows how the Hex color AEE67F looks on a white background.

Color Contrast Check

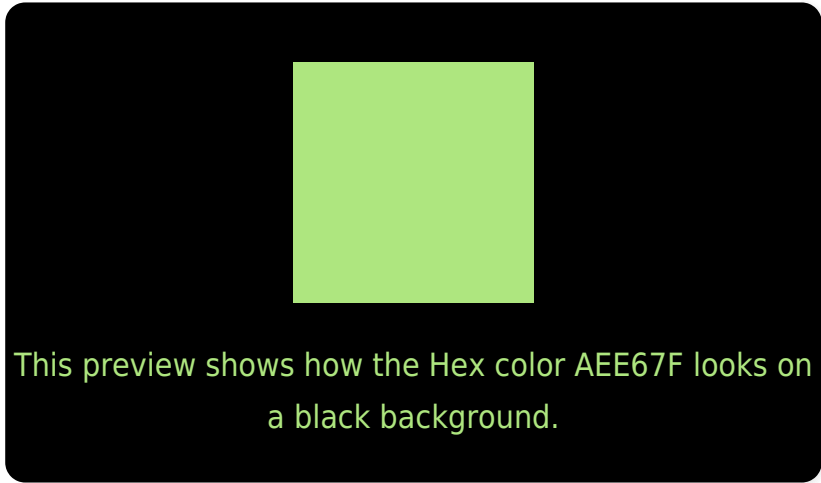
Large Text (above 18pt) WCAG AA × Fail

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 AEE67F Background



This preview shows how black text looks on a background with the Hex color AEE67F.

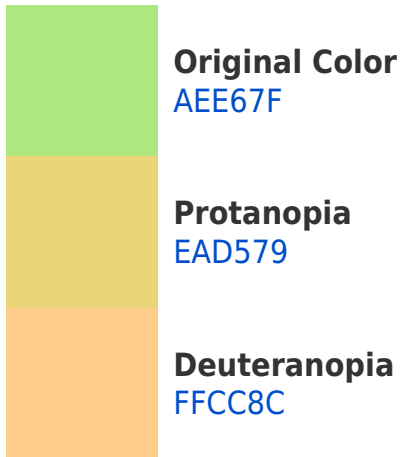


This preview shows how white text looks on a background with the Hex color AEE67F.

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](#).

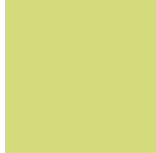
Dichromacy



Trichromacy



Original Color
AEE67F



Protanomaly
D4DB7B



Deuteranomaly
E2D587

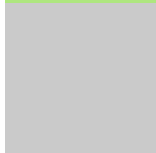


Tritanomaly
B8DEC4

Monochromacy



Original Color
AEE67F



Achromatopsia
CACACA



Achromatomaly
C0D4AF

CSS Examples

Text

The CSS property to change the color of the text to Hex AEE67F 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 #AEE67F looks like.

```
.text, #text, p{  
    color:#AEE67F  
}
```

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 #AEE67F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AEE67F
}
```

Border

The CSS property to change the border of an element to Hex AEE67F 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
#AEE67F }
```

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

```
.border{ border-color:#AEE67F }
```

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

Here you see how a box with a 4 pixel #AEE67F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AEE67F; -webkit-box-shadow:4px 4px  
4px 4px #AEE67F; box-shadow:4px 4px 4px  
4px #AEE67F }
```

Background

The CSS property to change the background color of an element to Hex AEE67F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AEE67F }
```

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

```
.background{ background-color:#AEE67F }
```

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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