

# Converting Colors

Hex(AEE19C)

Have a look what the booklet for  
Hex(AEE19C) contains.

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# **Color**

**Hex(AEE19C)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | AEE19C                      |
| RGB         | 174, 225, 156               |
| RGB Percent | 68%, 88%, 61%               |
| CMY         | 0.3176, 0.1176, 0.3882      |
| CMYK        | 0.23, 0.00, 0.31, 0.12      |
| HSL         | 104°, 53%, 75%              |
| HSV         | 104°, 31%, 88%              |
| XYZ         | 50.3815, 65.2494, 41.3915   |
| YIQ         | 201.8850, -8.2470, -32.2710 |

# Conversions

## Conversions Part 2

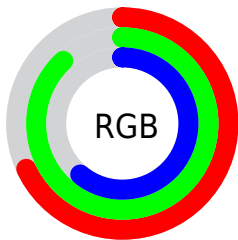
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 156, 225, 207                   |
| Decimal                             | 11461020                        |
| CIELab                              | 84.61, -29.02, 28.59            |
| CIElCh                              | 85, 40.737, 135.432             |
| Yxy                                 | 65.2494, 0.3209,<br>0.4155      |
| Android<br>(android.graphics.Color) | 4289651100<br>(0xFFAEE19C)      |
| YUV                                 | 201.8850, -22.6213,<br>-24.4551 |
| Hunter-Lab                          | 80.7771, -30.0276,<br>26.1628   |

# Details

The Hex color **AEE19C** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **CF9CE1**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **E6FFD3**, and **78A968** is the 20% darker color. If you saturate the color by 10%, you get **9DE186**, and if you desaturate by 10%, it is **BFE1B3**.

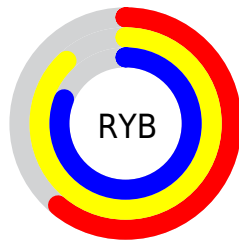
# Distribution



Red (68%)

Green (88%)

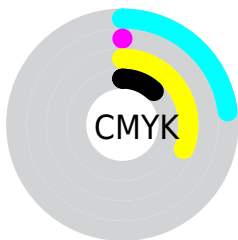
Blue (61%)



Red (61%)

Yellow (88%)

Blue (81%)

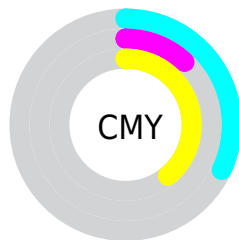


Cyan (23%)

Magenta (0%)

Yellow (31%)

Black (12%)



Cyan (32%)

Magenta (12%)

Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AEE19C 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 AEE19C by changing the saturation by 10% instead.



 AEE19C

 AEE19C

FFFFFF

 93C582

 E6FFD3

 78A968

 FFFFEF

 5E8F4F

 457538

 2C5C21

 124409

 002D00

 001900

 000000

 AEE19C

 AEE19C

 9DE186

 BFE1B3

 8DE16F

 CFE1C9

 7CE159

 E0E1E0

 6BE142

 F1E1F6

 5BE12C

 FFE1FF

 4AE115

 3BE100

# Harmonies

## Analogous

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



D9D788



AEE19C



7FE7BF

# Triad

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



AEE19C



7FDCFF



FFB6C1

# Complementary

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



AEE19C



CF9CE1

# 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.



FFB8E8



AEE19C



BDD0FF

# Square

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



AEE19C



4CE5FF



F1C2FF



FFBE9E

# Rectangle

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



AEE19C



5FE8D9



F1C2FF



FFB6CE



# Sweetspot

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



AEE19C



EEFFE8



E1CF9C



758071



000000



808080

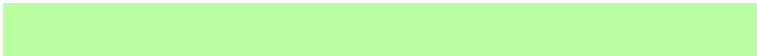


# Same Dimension

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



AEE19C



B9FFA1



9CE1AC



687065



2EB000



0D3000



# Inverse Universe

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



CF9CE1



E6A1FF



E19CD1



6D6570



8200B0

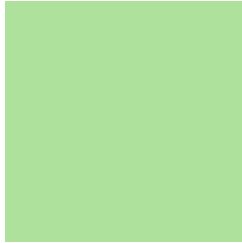


240030



# Previews

## White Background



This preview shows how the Hex color AEE19C looks on a white background.

## Color Contrast Check

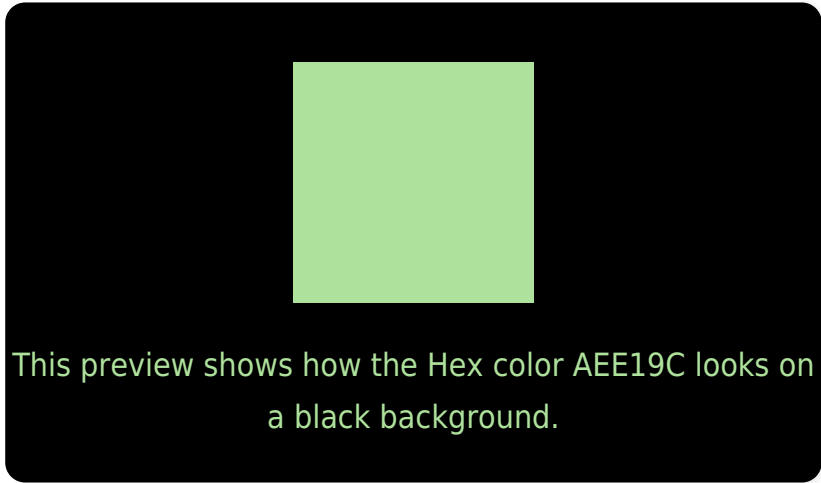
Large Text (above 18pt) WCAG AA × Fail

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

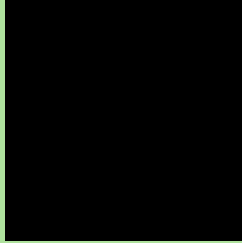
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AEE19C Background



This preview shows how black text looks on a background with the Hex color AEE19C.

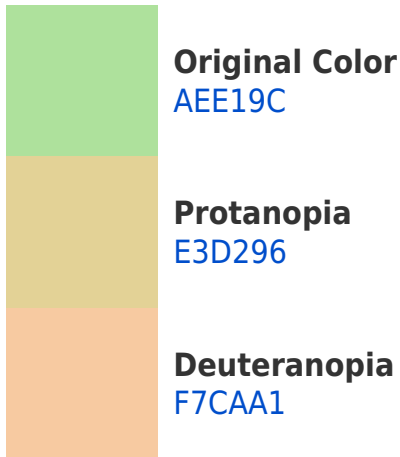


This preview shows how white text looks on a background with the Hex color AEE19C.

# 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**  
BAD7E8

# Trichromacy



**Original Color**  
AEE19C



**Protanomaly**  
D0D798



**Deuteranomaly**  
DCD29F

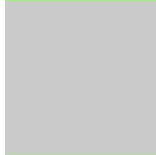


**Tritanomaly**  
B6DBCC

# Monochromacy



**Original Color**  
AEE19C



**Achromatopsia**  
CACACA



**Achromatomaly**  
C0D2B9

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AEE19C 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 #AEE19C looks like.

```
.text, #text, p{  
    color:#AEE19C  
}
```

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 #AEE19C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AEE19C
}
```

## Border

The CSS property to change the border of an element to Hex AEE19C 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
#AEE19C }
```

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

```
.border{ border-color:#AEE19C }
```

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

Here you see how a box with a 4 pixel #AEE19C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AEE19C; -webkit-box-shadow:4px 4px  
4px 4px #AEE19C; box-shadow:4px 4px 4px  
4px #AEE19C }
```

# Background

The CSS property to change the background color of an element to Hex AEE19C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AEE19C }
```

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

```
.background{ background-color:#AEE19C }
```

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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