

# Converting Colors

Hex(AEE194)

Have a look what the booklet for  
Hex(AEE194) contains.

<b>Hex(AEE194)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(AEE194)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AEE194
RGB	174, 225, 148
RGB Percent	68%, 88%, 58%
CMY	0.3176, 0.1176, 0.4196
CMYK	0.23, 0.00, 0.34, 0.12
HSL	100°, 56%, 73%
HSV	100°, 34%, 88%
XYZ	49.7261, 64.9872, 37.9399
YIQ	200.9730, -5.6790, -34.7590

# Conversions

## Conversions Part 2

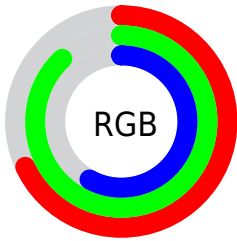
Format	Color
<a href="#">RYB</a>	<a href="#">148, 225, 199</a>
Decimal	<a href="#">11461012</a>
CIELab	<a href="#">84.48, -30.20, 32.50</a>
CIElCh	<a href="#">84, 44.366, 132.902</a>
Yxy	<a href="#">64.9872, 0.3257, 0.4257</a>
Android (android.graphics.Color)	<a href="#">4289651092</a> ( <a href="#">0xFFAEE194</a> )
YUV	<a href="#">200.9730, -26.1157, -23.6553</a>
Hunter-Lab	<a href="#">80.6146, -30.9703, 28.5264</a>

# Details

The Hex color **AEE194** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **C794E1**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **E7FFCB**, and **78A960** is the 20% darker color. If you saturate the color by 10%, you get **9FE17E**, and if you desaturate by 10%, it is **BDE1AB**.

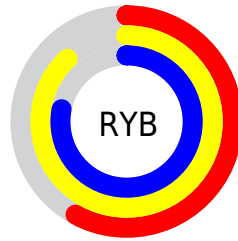
# Distribution



Red (68%)

Green (88%)

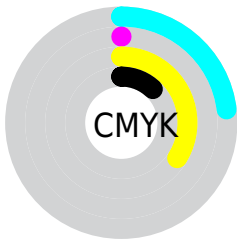
Blue (58%)



Red (58%)

Yellow (88%)

Blue (78%)

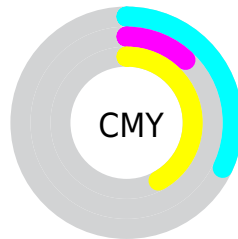


Cyan (23%)

Magenta (0%)

Yellow (34%)

Black (12%)



Cyan (32%)

Magenta (12%)

Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AEE194 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 AEE194 by changing the saturation by 10% instead.



 AEE194

 AEE194

FFFFFF

 93C57A

 E7FFCB

 78A960

 FFFFE7

 5E8F48

 457530

 2B5C18

 104400

 002D00

 001800

 000000

 AEE194

 AEE194

 9FE17E

 BDE1AB

 90E167

 CCE1C1

 81E151

 DBE1D8

 72E13A

 EAE1EE

 63E124

 F9E1FF

 55E10D

 FFE1FF

 4CE100

# Harmonies

## Analogous

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



DDD680



AEE194



79E7B9

# Triad

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



AEE194



6BDEFF



FFB2C2

# Complementary

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



AEE194



C794E1

# 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.



FFB5ED



AEE194



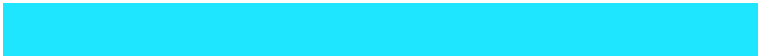
B4D1FF

# Square

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



AEE194



1FE6FF



EFC1FF



FFBA9C

# Rectangle

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



AEE194



51E9D6



EFC1FF



FFB2D0



# Sweetspot

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



AEE194



EEFFE6



E1C694



758070



000000



808080

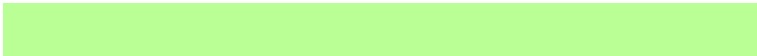


# Same Dimension

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



AEE194



BAFF96



94E1A0



697065



3BB000



103000



# Inverse Universe

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



C794E1



DC96FF



E194D5



6C6570



7500B0



200030



# Previews

## White Background



This preview shows how the Hex color AEE194 looks on a white background.

## Color Contrast Check

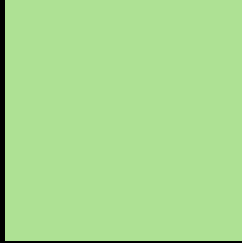
Large Text (above 18pt) WCAG AA × Fail

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 AEE194 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 AEE194 Background



This preview shows how black text looks on a background with the Hex color AEE194.

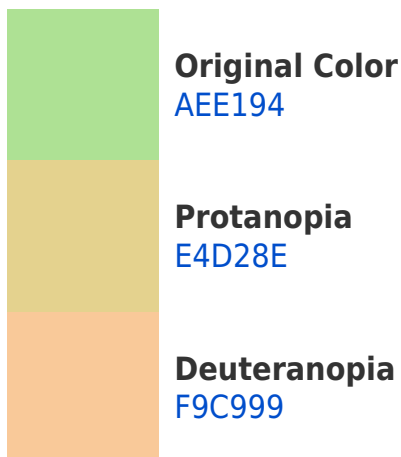


This preview shows how white text looks on a background with the Hex color AEE194.

# 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](#).

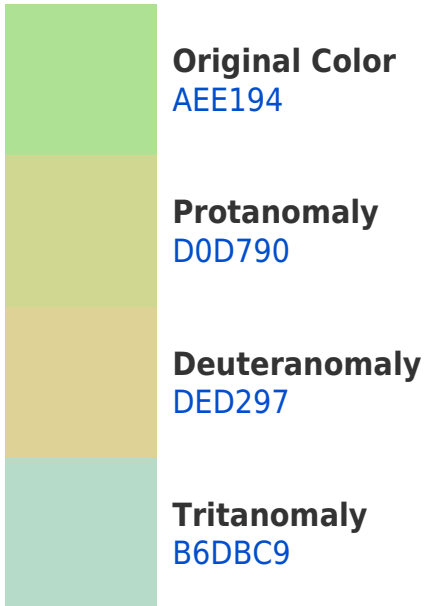
## Dichromacy



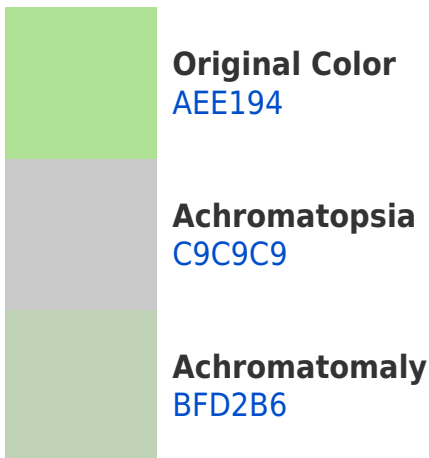


**Tritanopia**  
BBD7E8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AEE194 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 #AEE194 looks like.

```
.text, #text, p{  
    color:#AEE194  
}
```

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 #AEE194 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AEE194
}
```

## Border

The CSS property to change the border of an element to Hex AEE194 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
#AEE194 }
```

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

```
.border{ border-color:#AEE194 }
```

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

Here you see how a box with a 4 pixel #AEE194 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AEE194; -webkit-box-shadow:4px 4px  
4px 4px #AEE194; box-shadow:4px 4px 4px  
4px #AEE194 }
```

# Background

The CSS property to change the background color of an element to Hex AEE194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AEE194 }
```

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

```
.background{ background-color:#AEE194 }
```

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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