

# Converting Colors

Hex(AEB197)

Have a look what the booklet for  
Hex(AEB197) contains.

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# **Color**

**Hex(AEB197)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AEB197
RGB	174, 177, 151
RGB Percent	68%, 69%, 59%
CMY	0.3176, 0.3059, 0.4078
CMYK	0.02, 0.00, 0.15, 0.31
HSL	67°, 14%, 64%
HSV	67°, 15%, 69%
XYZ	38.7636, 42.6773, 35.4726
YIQ	173.1390, 6.5580, -8.7220

# Conversions

## Conversions Part 2

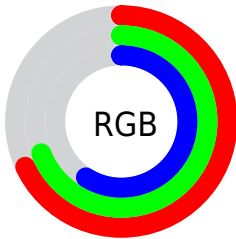
<b>Format</b>	<b>Color</b>
<b>RYB</b>	151, 177, 154
Decimal	11448727
CIELab	71.34, -5.65, 12.96
CIELCh	71, 14.139, 113.563
Yxy	42.6773, 0.3316, 0.3650
Android (android.graphics.Color)	4289638807 (0xFFAEB197)
YUV	173.1390, -10.9145, 0.7551
Hunter-Lab	65.3279, -8.4072, 13.5354

# Details

The Hex color **AEB197** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **9A97B1**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **E6E9CD**, and **797C64** is the 20% darker color. If you saturate the color by 10%, you get **ACB185**, and if you desaturate by 10%, it is **B0B1A9**.

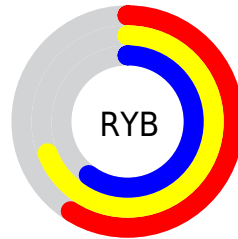
# Distribution



Red (68%)

Green (69%)

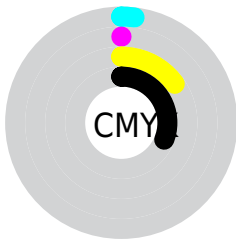
Blue (59%)



Red (59%)

Yellow (69%)

Blue (60%)

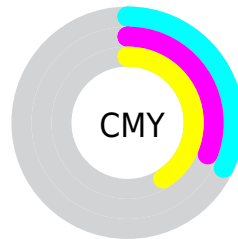


Cyan (2%)

Magenta (0%)

Yellow (15%)

Black (31%)



Cyan (32%)

Magenta (31%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AEB197 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 AEB197 by changing the saturation by 10% instead.





AEB197



AEB197

FFFFFF



93967D



E6E9CD



797C64



FFFFE9



61644C



494C35



323520



1D2009



000900



000000



AEB197



AEB197

 ACB185

 B0B1A9

 AAB174

 B2B1BA

 A8B162

 B4B1CC

 A6B150

 B6B1DE

 A4B13F

 B8B1F0

 A2B12D

 BAB1FF

 A0B11B

 BCB1FF

 9EB109

 BEB1FF

 9DB100

 C0B1FF

# Harmonies

## Analogous

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



BCAD95



AEB197



9FB49F

# Triad

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



AEB197



91B4C3



C7A6B2

# Complementary

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



AEB197



9A97B1

# 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.



BDA8BE



AEB197



9DB1C8

# Square

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



AEB197



8EB6B8



AEACC6



CAA6A5

# Rectangle

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



AEB197



97B6A7



AEACC6



C4A7B6



# Sweetspot

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



AEB197



E4E6DC



B19A97



72736D



F2F2F2



737373



# Same Dimension

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



AEB197



E1E6BC



A1B197



585950



879900



171A00



# Inverse Universe

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



9A97B1



C1BCE6



A797B1



515059



120099

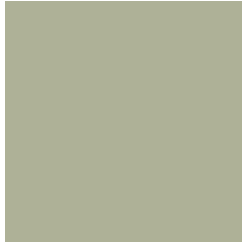


03001A



# Previews

## White Background



This preview shows how the Hex color AEB197 looks on a white background.

## Color Contrast Check

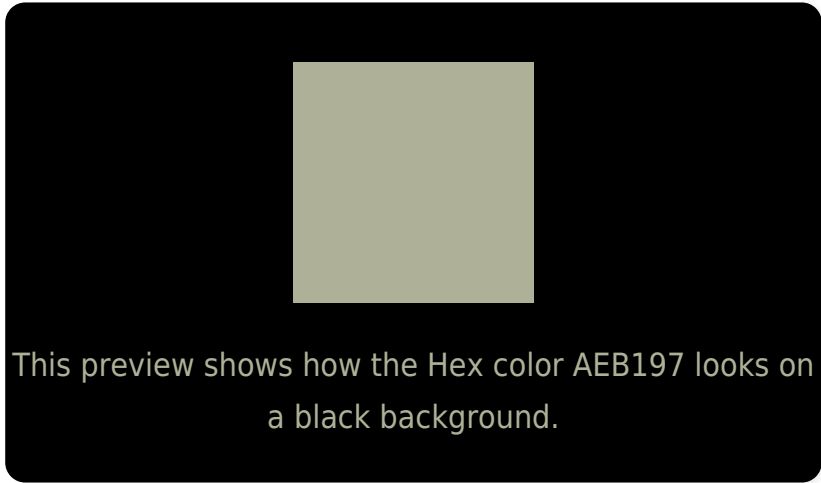
Large Text (above 18pt) WCAG AA × Fail

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

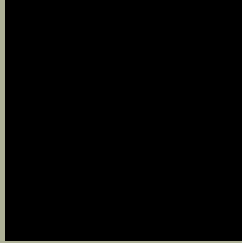
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

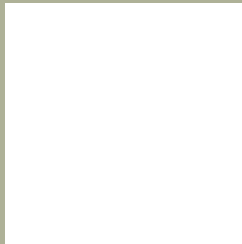
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex AEB197 Background



This preview shows how black text looks on a background with the Hex color AEB197.



This preview shows how white text looks on a background with the Hex color AEB197.

# 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



**Original Color**  
AEB197

**Protanopia**  
B7AE96

**Deuteranopia**  
C7A899



# Trichromacy



**Original Color**  
AEB197

**Protanomaly**  
B4AF96

**Deuteranomaly**  
BEAB98

**Tritanomaly**  
B1AEAD

# Monochromacy



**Original Color**  
AEB197

**Achromatopsia**  
ADADAD

**Achromatomaly**  
ADAEA5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex AEB197 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 #AEB197 looks like.

```
.text, #text, p{  
    color:#AEB197  
}
```

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 #AEB197 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AEB197
}
```

## Border

The CSS property to change the border of an element to Hex AEB197 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
#AEB197 }
```

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

```
.border{ border-color:#AEB197 }
```

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

Here you see how a box with a 4 pixel #AEB197 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AEB197; -webkit-box-shadow:4px 4px  
4px 4px #AEB197; box-shadow:4px 4px 4px  
4px #AEB197 }
```

# Background

The CSS property to change the background color of an element to Hex AEB197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AEB197 }
```

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

```
.background{ background-color:#AEB197 }
```

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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