

# Converting Colors

Hex(AEB7DA)

Have a look what the booklet for  
Hex(AEB7DA) contains.

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# Color

**Hex(AEB7DA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	AEB7DA
RGB	174, 183, 218
RGB Percent	68%, 72%, 85%
CMY	0.3176, 0.2824, 0.1451
CMYK	0.20, 0.16, 0.00, 0.15
HSL	228°, 37%, 77%
HSV	228°, 20%, 85%
XYZ	47.0439, 47.9276, 73.1011
YIQ	184.2990, -16.5990, 8.9770

# Conversions

## Conversions Part 2

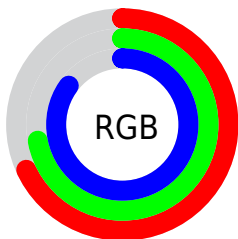
<b>Format</b>	<b>Color</b>
<b>RYB</b>	174, 181, 218
Decimal	11450330
CIELab	74.78, 4.22, -18.61
CIELCh	75, 19.083, 282.779
Yxy	47.9276, 0.2799, 0.2852
Android (android.graphics.Color)	4289640410 (0xFFAEB7DA)
YUV	184.2990, 16.6146, -9.0322
Hunter-Lab	69.2298, 0.1446, -14.1447

# Details

The Hex color **AEB7DA** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **DAD1AE**, and the grayscale version is **B8B8B8**.

A 20% lighter version of the original color is **E6EFFF**, and **7982A3** is the 20% darker color. If you saturate the color by 10%, you get **98A6DA**, and if you desaturate by 10%, it is **C4C8DA**.

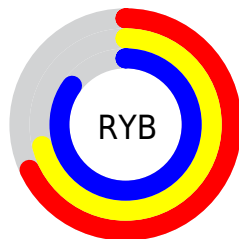
# Distribution



Red (68%)

Green (72%)

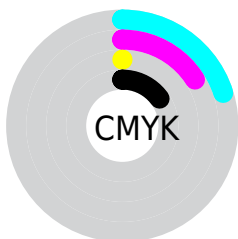
Blue (85%)



Red (68%)

Yellow (71%)

Blue (85%)

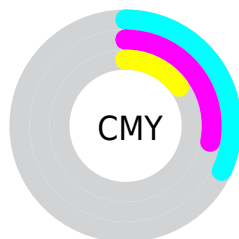


Cyan (20%)

Magenta (16%)

Yellow (0%)

Black (15%)



Cyan (32%)

Magenta (28%)

Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AEB7DA 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 AEB7DA by changing the saturation by 10% instead.



■ AEB7DA

■ AEB7DA

FFFFFF

■ 939CBE

■ E6EFFF

■ 7982A3

■ 606989

■ 47516F

■ 303A57

■ 19253F

■ 020F29

■ 000114

■ 000000

 AEB7DA

 AEB7DA

 98A6DA

 C4C8DA

 8294DA

 DADADA

 6D83DA

 EFEBDA

 5772DA

 FFFCDA

 4160DA

 FFFFDA

 2B4FDA

 153EDA

 002DDA

# Harmonies

## Analogous

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



98BDD9



AEB7DA



C4B1D2

# Triad

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



AEB7DA



DAAEA1



97C1AD

# Complementary

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



AEB7DA



DAD1AE

# 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.



AABE9E



AEB7DA



CFB397

# Square

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



AEB7DA



DDACB1



BEB996



8BC2BF

# Rectangle

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



AEB7DA



D0AEC8



BEB996



9DC1A7



# Sweetspot

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



AEB7DA



F0F3FF



AEDAD0



777880



000000



808080



# Same Dimension

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



AEB7DA



C2CEFF



BAAEDA



63656E



0023AD



00092E



# Inverse Universe

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



DAAEB7



FFC2CE



CEDAAE



6E6365



AD0023

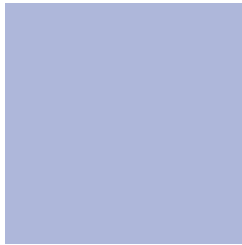


2E0009



# Previews

## White Background



This preview shows how the Hex color AEB7DA looks on a white background.

## Color Contrast Check

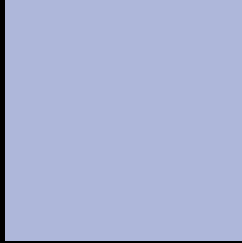
Large Text (above 18pt) WCAG AA × Fail

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 AEB7DA looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

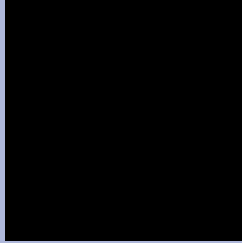
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AEB7DA Background



This preview shows how black text looks on a background with the Hex color AEB7DA.



This preview shows how white text looks on a background with the Hex color AEB7DA.

# 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



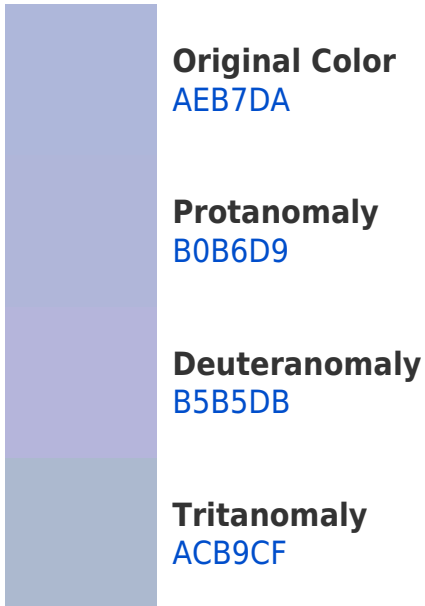
**Original Color**  
AEB7DA

**Protanopia**  
B1B6D9

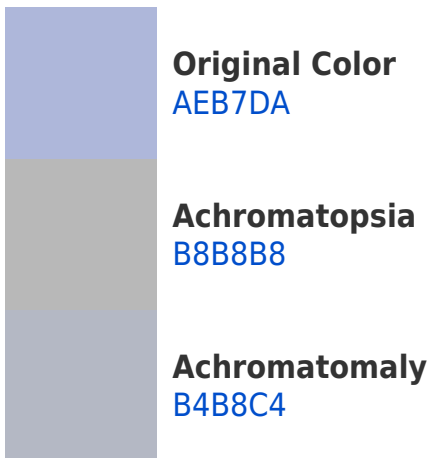
**Deuteranopia**  
B9B4DB



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AEB7DA 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 #AEB7DA looks like.

```
.text, #text, p{  
    color:#AEB7DA  
}
```

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 #AEB7DA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AEB7DA
}
```

## Border

The CSS property to change the border of an element to Hex AEB7DA 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
#AEB7DA }
```

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

```
.border{ border-color:#AEB7DA }
```

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

Here you see how a box with a 4 pixel #AEB7DA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AEB7DA; -webkit-box-shadow:4px 4px  
4px 4px #AEB7DA; box-shadow:4px 4px 4px  
4px #AEB7DA }
```

# Background

The CSS property to change the background color of an element to Hex AEB7DA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AEB7DA }
```

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

```
.background{ background-color:#AEB7DA }
```

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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