

# Converting Colors

Hex(AEBEDB)

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

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# **Color**

**Hex(AEBEDB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AEBEDB
RGB	174, 190, 219
RGB Percent	68%, 75%, 86%
CMY	0.3176, 0.2549, 0.1412
CMYK	0.21, 0.13, 0.00, 0.14
HSL	219°, 38%, 77%
HSV	219°, 21%, 86%
XYZ	48.6552, 50.9401, 74.2858
YIQ	188.5220, -18.8450, 5.6270

# Conversions

## Conversions Part 2

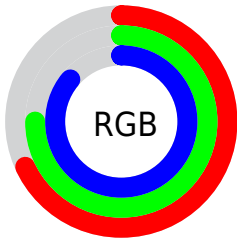
<b>Format</b>	<b>Color</b>
<b>RYB</b>	174, 186, 219
Decimal	11452123
CIELab	76.64, 0.65, -16.34
CIELCh	77, 16.352, 272.291
Yxy	50.9401, 0.2798, 0.2930
Android (android.graphics.Color)	4289642203 (0xFFFAEBEDB)
YUV	188.5220, 15.0257, -12.7358
Hunter-Lab	71.3723, -3.2163, -11.7497

# Details

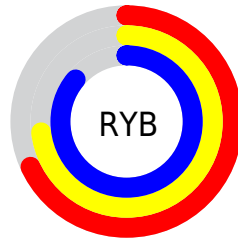
The Hex color **AEBEDB** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **DBCBAE**, and the grayscale version is **BCBCBC**.

A 20% lighter version of the original color is **E6F6FF**, and **7989A4** is the 20% darker color. If you saturate the color by 10%, you get **98B0DB**, and if you desaturate by 10%, it is **C4CCDB**.

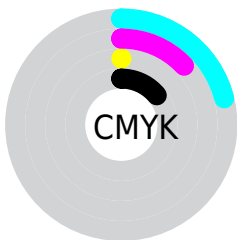
# Distribution



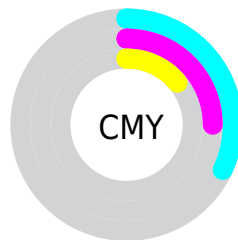
- Red (68%)
- Green (75%)
- Blue (86%)



- Red (68%)
- Yellow (73%)
- Blue (86%)



- Cyan (21%)
- Magenta (13%)
- Yellow (0%)
- Black (14%)



- Cyan (32%)
- Magenta (25%)
- Yellow (14%)

# Brightness & Saturation Gradients

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



■ AEBEDB

■ AEBEDB

FFFFFF

■ 93A3BF

■ E6F6FF

■ 7989A4

■ 606F8A

■ 475770

■ 304058

■ 182A40

■ 01162A

■ 000116

■ 000000

 AEBEDB

 AEBEDB

 98B0DB

 C4CCDB

 82A2DB

 DADADB

 6C94DB

 F0E8DB

 5686DB

 FFF6DB

 4177DB

 FFFFDB

 2B69DB

 155BDB

 004EDB

# Harmonies

## Analogous

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



9DC2D7



AEBEDB



C2B9D7

# Triad

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



AEBEDB



DDB4AE



A6C5AF

# Complementary

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



AEBEDB



DBCBAE

# 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.



B7C1A3



AEBEDB



D6B8A3

# Square

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



AEBEDB



DCB3BC



C8BC9F



9AC6BE

# Rectangle

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



AEBEDB



CDB6D0



C8BC9F



ACC4AA



# Sweetspot

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



AEBEDB



F0F5FF



AEDBCB



777A80



000000



808080



# Same Dimension

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



AEBEDB



BFD6FF



B4AEDB



63676E



003EAD



00102E



# Inverse Universe

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



DBAEBE



FFBFD6



D5DBAE



6E6367



AD003E

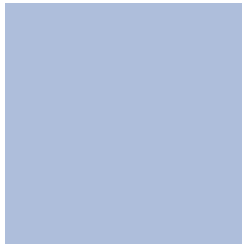


2E0010



# Previews

## White Background



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

## Color Contrast Check

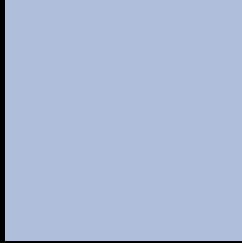
Large Text (above 18pt) WCAG AA × Fail

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 AEBEDB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

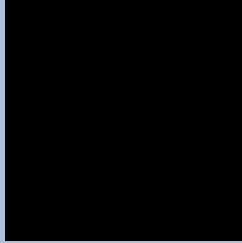
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AEBEDB Background



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

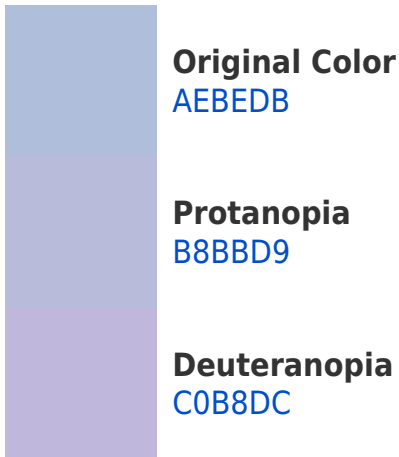


This preview shows how white text looks on a background with the Hex color AEBEDB.

# 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**  
AEBEDB

**Protanomaly**  
B4BCDA

**Deuteranomaly**  
B9BADC

**Tritanomaly**  
ADBFD3

# Monochromacy



**Original Color**  
AEBEDB

**Achromatopsia**  
BDBDBD

**Achromatomaly**  
B8BDC8

# CSS Examples

## Text

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

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

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 #AEBEDB colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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