

# Converting Colors

Hex(AEBEC6)

Have a look what the booklet for  
Hex(AEBEC6) contains.

<b>Hex(AEBEC6)</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(AEBEC6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AEBEC6
RGB	174, 190, 198
RGB Percent	68%, 75%, 78%
CMY	0.3176, 0.2549, 0.2235
CMYK	0.12, 0.04, 0.00, 0.22
HSL	200°, 17%, 73%
HSV	200°, 12%, 78%
XYZ	46.0621, 49.9028, 60.6306
YIQ	186.1280, -12.1040, -0.9040

# Conversions

## Conversions Part 2

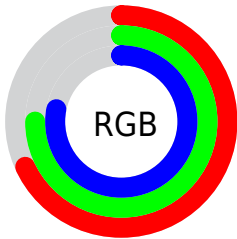
<b>Format</b>	<b>Color</b>
<b>RYB</b>	174, 184, 198
Decimal	11452102
CIELab	76.01, -3.85, -5.90
CIELCh	76, 7.050, 236.869
Yxy	49.9028, 0.2941, 0.3187
Android (android.graphics.Color)	4289642182 (0xFFAEBEC6)
YUV	186.1280, 5.8529, -10.6363
Hunter-Lab	70.6419, -7.2324, -1.4381

# Details

The Hex color **AEBEC6** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **C6B6AE**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **E6F6FF**, and **798990** is the 20% darker color. If you saturate the color by 10%, you get **9AB7C6**, and if you desaturate by 10%, it is **C2C5C6**.

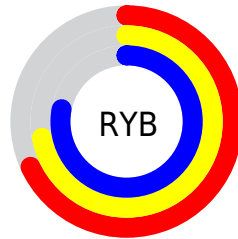
# Distribution



Red (68%)

Green (75%)

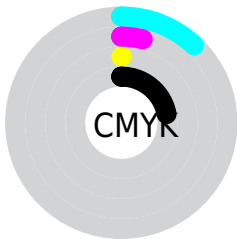
Blue (78%)



Red (68%)

Yellow (72%)

Blue (78%)

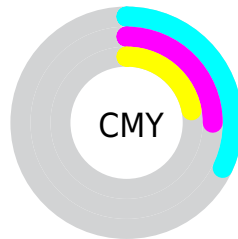


Cyan (12%)

Magenta (4%)

Yellow (0%)

Black (22%)



Cyan (32%)

Magenta (25%)

Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AEBEC6 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 AEBEC6 by changing the saturation by 10% instead.



■ AEBEC6

■ AEBEC6

FFFFFF

■ 93A3AB

■ E6F6FF

■ 798990

■ 606F77

■ 49575E

■ 324046

■ 1C2A30

■ 05151B

■ 000000

■ AEBEC6

■ AEBEC6

9AB7C6

C2C5C6

86B1C6

D6CBC6

73AAC6

E9D2C6

5FA4C6

FDD8C6

4B9DC6

FFDFC6

3796C6

FFE6C6

2390C6

FFECC6

1089C6

FFF3C6

0084C6

FFF9C6

# Harmonies

## Analogous

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



ACBFC1



AEBEC6



B4BCC8

# Triad

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



AEBEC6



C8B7BC



BABDB0

# Complementary

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



AEBEC6



C6B6AE

# 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.



C2BBAE



AEBEC6



CAB7B6

# Square

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



AEBEC6



C3B8C3



C7B9B1



B3BEB4

# Rectangle

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



AEBEC6



B9BBC8



C7B9B1



BDBCAF



# Sweetspot

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



AEBEC6



F5FCFF



AEC6B6



797D80



000000



808080

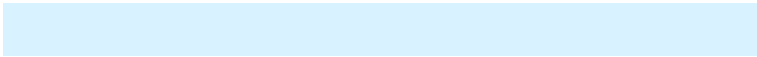


# Same Dimension

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



AEBEC6



D9F2FF



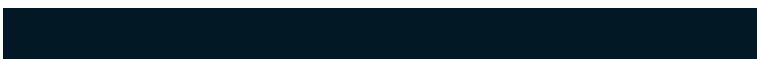
AEB2C6



5A6063



006DA3



001824



# Inverse Universe

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



C6AEBE



FFD9F2



C6C2AE



635A60



A3006D



240018



# Previews

## White Background



This preview shows how the Hex color AEBEC6 looks on a white background.

## Color Contrast Check

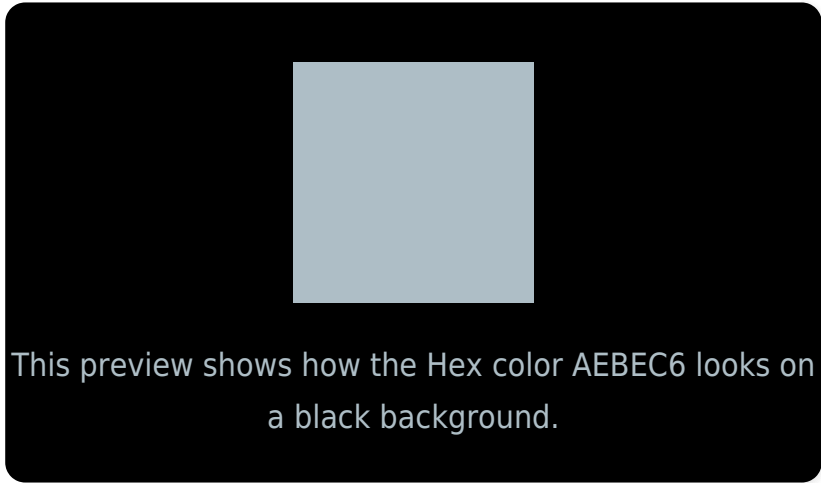
Large Text (above 18pt) WCAG AA × Fail

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

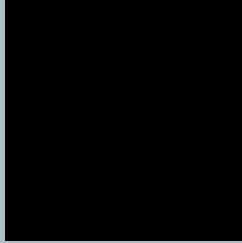
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

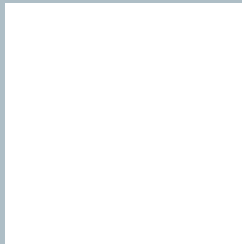
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex AEBEC6 Background



This preview shows how black text looks on a background with the Hex color AEBEC6.



This preview shows how white text looks on a background with the Hex color AEBEC6.

# 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



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AEBEC6 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 #AEBEC6 looks like.

```
.text, #text, p{  
    color:#AEBEC6  
}
```

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 #AEBEC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AEBEC6  
}
```

## Border

The CSS property to change the border of an element to Hex AEBEC6 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  
#AEBEC6 }
```

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

```
.border{ border-color:#AEBEC6 }
```

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

Here you see how a box with a 4 pixel #AEBEC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AEBEC6; -webkit-box-shadow:4px 4px  
4px 4px #AEBEC6; box-shadow:4px 4px 4px  
4px #AEBEC6 }
```

# Background

The CSS property to change the background color of an element to Hex AEBEC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AEBEC6 }
```

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

```
.background{ background-color:#AEBEC6 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor