

# Converting Colors

Hex(AEC2E2)

Have a look what the booklet for  
Hex(AEC2E2) contains.

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# **Color**

**Hex(AEC2E2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AEC2E2
RGB	174, 194, 226
RGB Percent	68%, 76%, 89%
CMY	0.3176, 0.2392, 0.1137
CMYK	0.23, 0.14, 0.00, 0.11
HSL	217°, 47%, 78%
HSV	217°, 23%, 89%
XYZ	50.4748, 53.0732, 79.5354
YIQ	191.6680, -22.1920, 5.7120

# Conversions

## Conversions Part 2

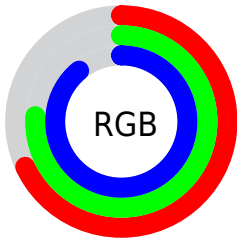
<b>Format</b>	<b>Color</b>
<b>RYB</b>	174, 188, 226
Decimal	11453154
CIELab	77.92, 0.08, -18.19
CIElCh	78, 18.193, 270.255
Yxy	53.0732, 0.2757, 0.2899
Android (android.graphics.Color)	4289643234 (0xFFAEC2E2)
YUV	191.6680, 16.9257, -15.4948
Hunter-Lab	72.8514, -3.8168, -13.7338

# Details

The Hex color **AEC2E2** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **E2CEAE**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **E6FAFF**, and **798DAB** is the 20% darker color. If you saturate the color by 10%, you get **97B4E2**, and if you desaturate by 10%, it is **C5D0E2**.

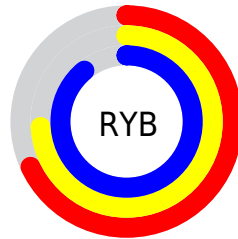
# Distribution



Red (68%)

Green (76%)

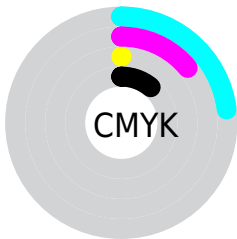
Blue (89%)



Red (68%)

Yellow (74%)

Blue (89%)

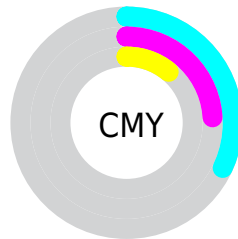


Cyan (23%)

Magenta (14%)

Yellow (0%)

Black (11%)



Cyan (32%)

Magenta (24%)

Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AEC2E2 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 AEC2E2 by changing the saturation by 10% instead.



■ AEC2E2

■ AEC2E2

FFFFFF

■ 93A7C6

■ E6FAFF

■ 798DAB

■ 5F7390

■ 465B76

■ 2E435E

■ 162D46

■ 00192F

■ 00011B

■ 000000

 AEC2E2

 AEC2E2

 97B4E2

 C5D0E2

 81A6E2

 DBDEE2

 6A98E2

 F2ECE2

 548AE2

 FFFAE2

 3D7CE2

 FFFFE2

 266FE2

 1061E2

 0057E2

# Harmonies

## Analogous

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



9CC7DD



AEC2E2



C4BCDE

# Triad

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



AEC2E2



E4B6B0



A8C9AF

# Complementary

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



AEC2E2



E2CEAE

# 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.



BBC5A3



AEC2E2



DCBAA4

# Square

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



AEC2E2



E2B5C1



CEBF9F



99CAC0

# Rectangle

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



AEC2E2



D1B9D6



CEBF9F



AEC8AB

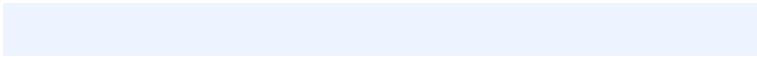


# Sweetspot

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



AEC2E2



EDF4FF



AEE2CD



757980



000000



808080



# Same Dimension

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



AEC2E2



B8D3FF



B3AEE2



656970



0044B0



001330



# Inverse Universe

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



E2AEC2



FFB8D3



DDE2AE



706569



B00044

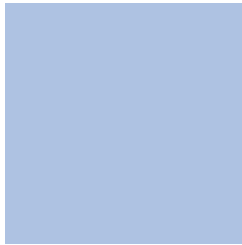


300013



# Previews

## White Background



This preview shows how the Hex color AEC2E2 looks on a white background.

## Color Contrast Check

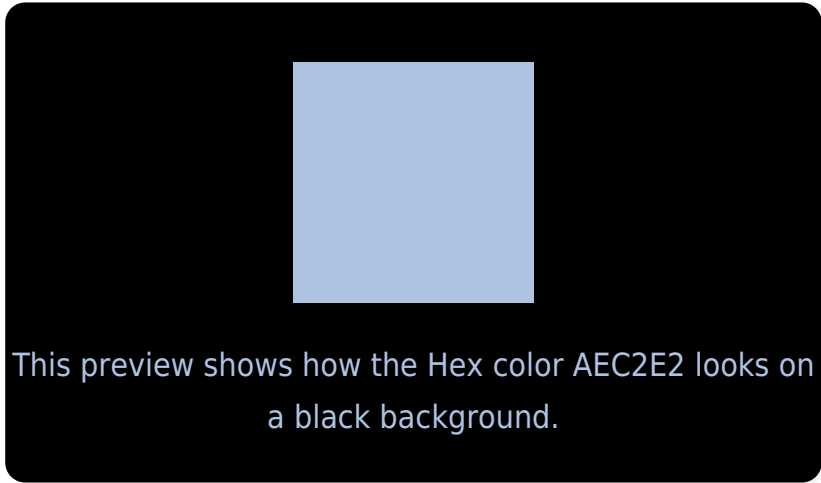
Large Text (above 18pt) WCAG AA × Fail

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

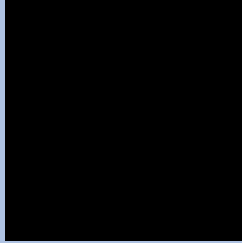
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

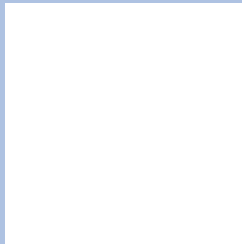
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex AEC2E2 Background



This preview shows how black text looks on a background with the Hex color AEC2E2.

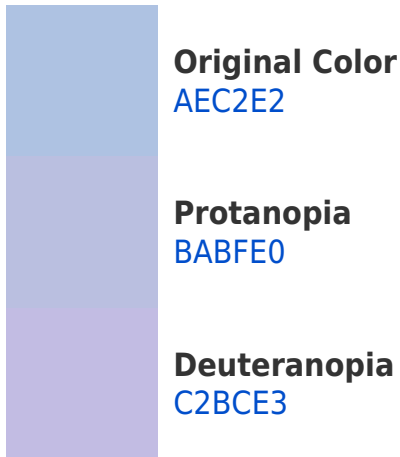


This preview shows how white text looks on a background with the Hex color AEC2E2.

# Color Blindness Simulation

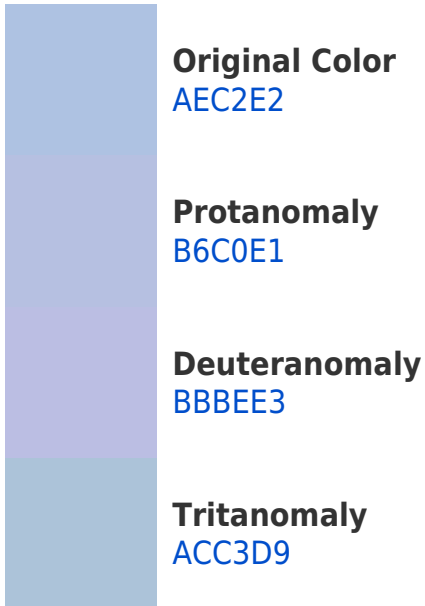
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

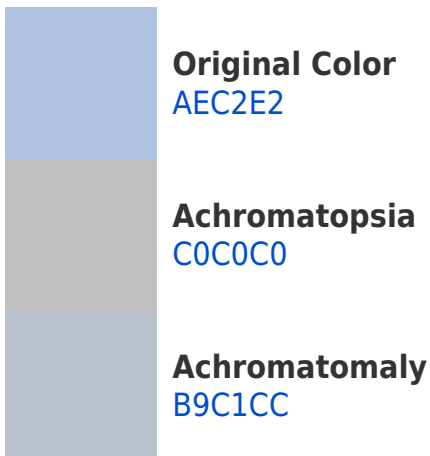




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AEC2E2 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 #AEC2E2 looks like.

```
.text, #text, p{  
    color:#AEC2E2  
}
```

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 #AEC2E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AEC2E2  
}
```

## Border

The CSS property to change the border of an element to Hex AEC2E2 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  
#AEC2E2 }
```

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

```
.border{ border-color:#AEC2E2 }
```

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

Here you see how a box with a 4 pixel #AEC2E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AEC2E2; -webkit-box-shadow:4px 4px  
4px 4px #AEC2E2; box-shadow:4px 4px 4px  
4px #AEC2E2 }
```

# Background

The CSS property to change the background color of an element to Hex AEC2E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AEC2E2 }
```

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

```
.background{ background-color:#AEC2E2 }
```

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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