

# Converting Colors

Hex(AEC1E8)

Have a look what the booklet for  
Hex(AEC1E8) contains.

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# **Color**

**Hex(AEC1E8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AEC1E8
RGB	174, 193, 232
RGB Percent	68%, 76%, 91%
CMY	0.3176, 0.2431, 0.0902
CMYK	0.25, 0.17, 0.00, 0.09
HSL	220°, 56%, 80%
HSV	220°, 25%, 91%
XYZ	51.0910, 52.9648, 83.8744
YIQ	191.7650, -23.8430, 8.1010

# Conversions

## Conversions Part 2

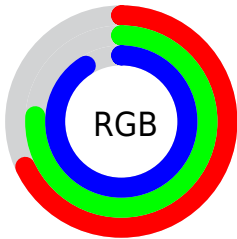
<b>Format</b>	<b>Color</b>
<b>RYB</b>	174, 188, 232
Decimal	11452904
CIELab	77.85, 2.00, -21.52
CIELCh	78, 21.613, 275.304
Yxy	52.9648, 0.2719, 0.2818
Android (android.graphics.Color)	4289642984 (0xFFAEC1E8)
YUV	191.7650, 19.8359, -15.5799
Hunter-Lab	72.7769, -2.0486, -17.3871

# Details

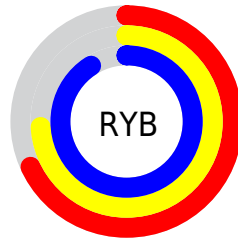
The Hex color **AEC1E8** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **E8D5AE**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **E6F9FF**, and **788CB0** is the 20% darker color. If you saturate the color by 10%, you get **97B1E8**, and if you desaturate by 10%, it is **C5D1E8**.

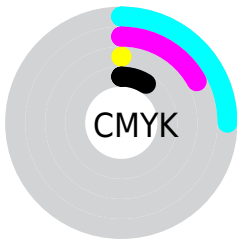
# Distribution



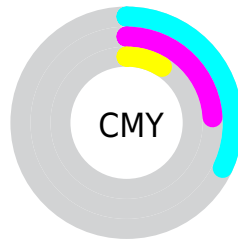
- Red (68%)
- Green (76%)
- Blue (91%)



- Red (68%)
- Yellow (74%)
- Blue (91%)



- Cyan (25%)
- Magenta (17%)
- Yellow (0%)
- Black (9%)



- Cyan (32%)
- Magenta (24%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AEC1E8 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 AEC1E8 by changing the saturation by 10% instead.



 AEC1E8

 AEC1E8

FFFFFF

 93A6CC

 E6F9FF

 788CB0

 5F7296

 465A7C

 2D4263

 142C4B

 001834

 00021F

 000001

 AEC1E8

 AEC1E8

 97B1E8

 C5D1E8

 80A2E8

 DCE0E8

 6892E8

 F4F0E8

 5183E8

 FFFFE8

 3A73E8

 2363E8

 0C54E8

 004CE8

# Harmonies

## Analogous

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



96C7E4



AEC1E8



C8BAE1

# Triad

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



AEC1E8



E9B4AA



9FCAAF

# Complementary

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



AEC1E8



E8D5AE

# 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.



B6C69F



AEC1E8



DEBA9D

# Square

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



AEC1E8



E9B2BE



CCC099



8ECCC3

# Rectangle

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



AEC1E8



D8B6D8



CCC099



A7C9A9



# Sweetspot

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



AEC1E8



EBF1FF



AEE8D5



737780



000000



808080



# Same Dimension

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



AEC1E8



B3CCFF



B8AEE8



676B73



003AB3



001133



# Inverse Universe

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



E8AEC1



FFB3CC



DEE8AE



73676B



B3003A

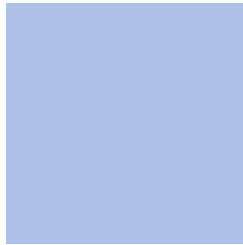


330011



# Previews

## White Background



This preview shows how the Hex color AEC1E8 looks on a white background.

## Color Contrast Check

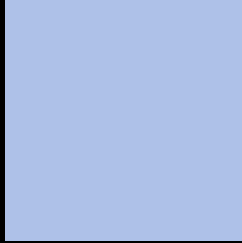
Large Text (above 18pt) WCAG AA × Fail

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 AEC1E8 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

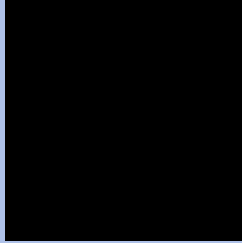
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

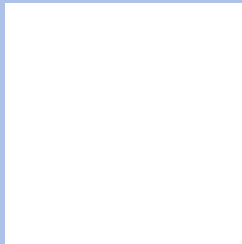
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex AEC1E8 Background



This preview shows how black text looks on a background with the Hex color AEC1E8.



This preview shows how white text looks on a background with the Hex color AEC1E8.

# Color Blindness Simulation

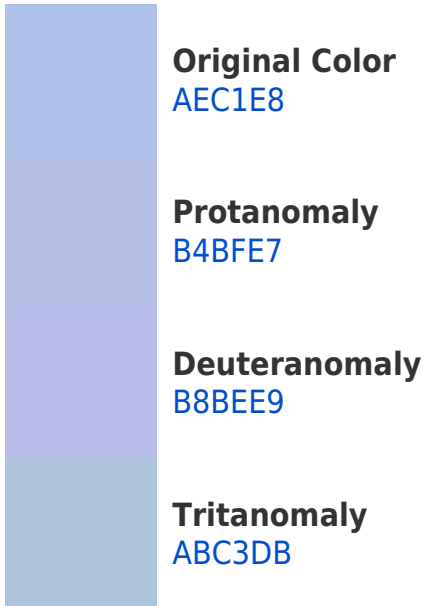
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

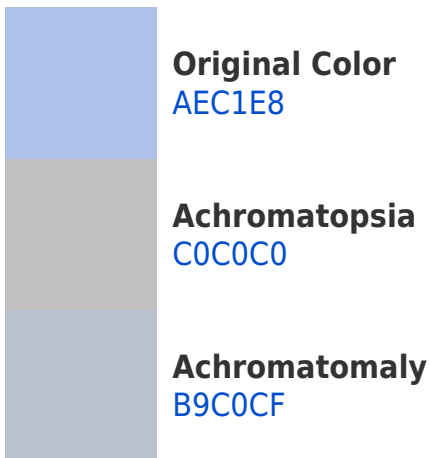




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AEC1E8 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 #AEC1E8 looks like.

```
.text, #text, p{  
    color:#AEC1E8  
}
```

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 #AEC1E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AEC1E8  
}
```

## Border

The CSS property to change the border of an element to Hex AEC1E8 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  
#AEC1E8 }
```

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

```
.border{ border-color:#AEC1E8 }
```

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

Here you see how a box with a 4 pixel #AEC1E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AEC1E8; -webkit-box-shadow:4px 4px  
4px 4px #AEC1E8; box-shadow:4px 4px 4px  
4px #AEC1E8 }
```

# Background

The CSS property to change the background color of an element to Hex AEC1E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AEC1E8 }
```

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

```
.background{ background-color:#AEC1E8 }
```

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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