

# Converting Colors

Hex(AACBEE)

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

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# **Color**

**Hex(AACBEE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AACBEE
RGB	170, 203, 238
RGB Percent	67%, 80%, 93%
CMY	0.3333, 0.2039, 0.0667
CMYK	0.29, 0.15, 0.00, 0.07
HSL	211°, 67%, 80%
HSV	211°, 29%, 93%
XYZ	53.3661, 57.4310, 89.1615
YIQ	197.1230, -30.9030, 3.8890

# Conversions

## Conversions Part 2

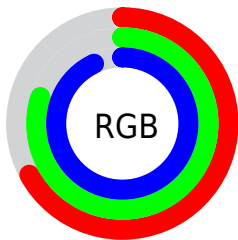
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	170, 192, 238
Decimal	11193326
CIE Lab	80.42, -3.12, -20.87
CIE LCh	80, 21.101, 261.496
Yxy	57.4310, 0.2669, 0.2872
Android (android.graphics.Color)	4289383406 (0xFFAACBEE)
YUV	197.1230, 20.1524, -23.7869
Hunter-Lab	75.7832, -6.9219, -16.7084

# Details

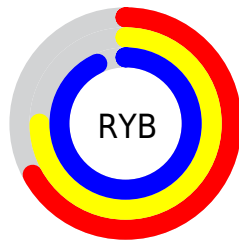
The Hex color **AACBEE** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **EECDAA**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **E2FFFF**, and **7495B6** is the 20% darker color. If you saturate the color by 10%, you get **92BFEE**, and if you desaturate by 10%, it is **C2D7EE**.

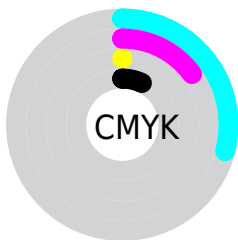
# Distribution



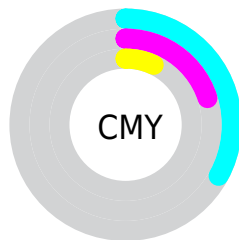
- Red (67%)
- Green (80%)
- Blue (93%)



- Red (67%)
- Yellow (75%)
- Blue (93%)



- Cyan (29%)
- Magenta (15%)
- Yellow (0%)
- Black (7%)



- Cyan (33%)
- Magenta (20%)
- Yellow (7%)

# Brightness & Saturation Gradients

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



 AACBEE

 AACBEE

FFFFFF

 8FB0D2

 E2FFFF

 7495B6

 5A7B9B

 416281

 274B68

 083450

 001F39

 000523

 00000B

■ AACBEE

■ AACBEE

■ 92BFEE

■ C2D7EE

■ 7AB3EE

■ DAE3EE

■ 63A6EE

■ F1F0EE

■ 4B9AEE

■ FFFCEE

■ 338EEE

■ FFFFEE

■ 1B82EE

■ 0375EE

■ 0074EE

# Harmonies

## Analogous

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



97D0E6



AACBEE



C4C4EC

# Triad

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



AACBEE



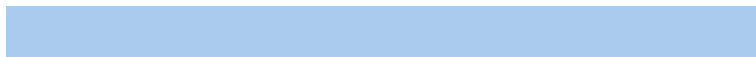
F1BABA



B1D0AF

# Complementary

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



AACBEE



EECDAA

# 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.



C8CBA3



AACBEE



EBBEA9

# Square

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



AACBEE



ECBACE



DCC4A1



9DD3C1

# Rectangle

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



AACBEE



D4C0E5



DCC4A1



B9CEAA

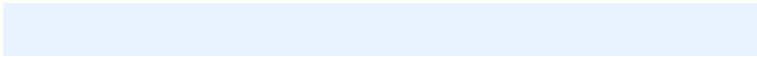


# Sweetspot

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



AACBEE



E8F3FF



AAEECC



717880



000000



808080

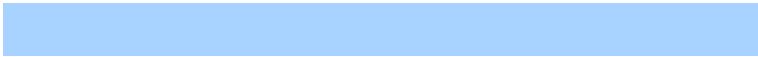


# Same Dimension

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



AACBEE



A8D2FF



AAAAEE



6C7278



0059B8



001B38



# Inverse Universe

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



EEAACB



FFA8D2



EEEEAA



786C72



B80059

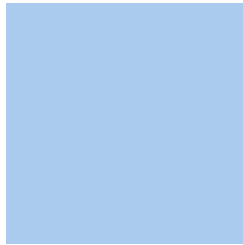


38001B



# Previews

## White Background



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

## Color Contrast Check

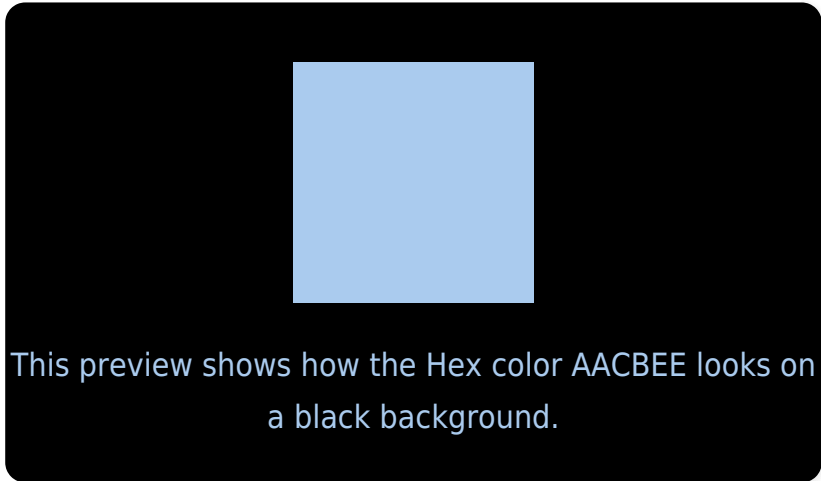
Large Text (above 18pt) WCAG AA × Fail

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

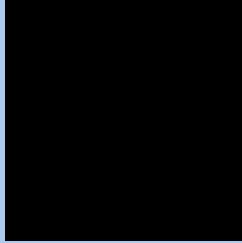
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

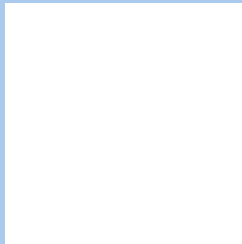
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex AACBEE Background



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

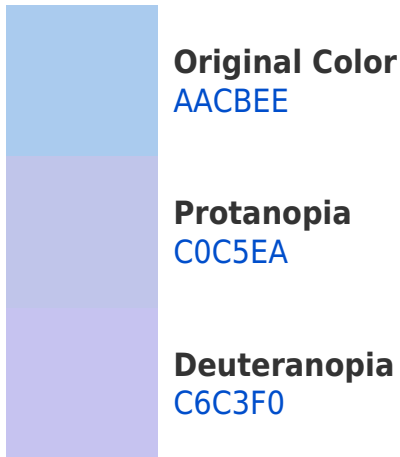


This preview shows how white text looks on a background with the Hex color AACBEE.

# Color Blindness Simulation

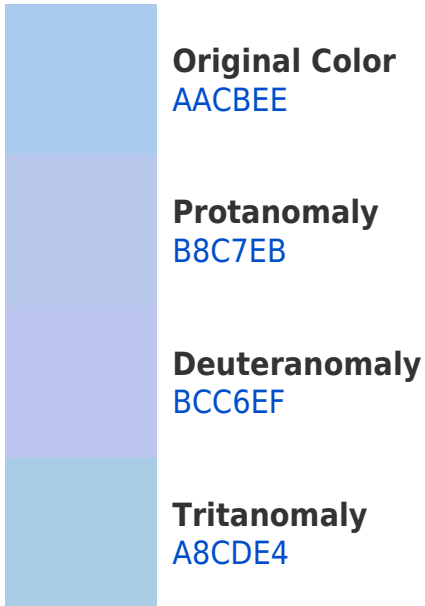
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

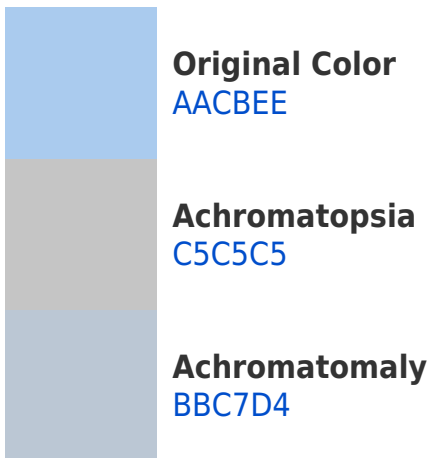




# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #AACBEE colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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