

Converting Colors

Hex(AACFEE)

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

Hex(AACFEE)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(AACFEE)

Conversions

Conversions Part 1

Format	Color
Hex	AACFEE
RGB	170, 207, 238
RGB Percent	67%, 81%, 93%
CMY	0.3333, 0.1882, 0.0667
CMYK	0.29, 0.13, 0.00, 0.07
HSL	207°, 67%, 80%
HSV	207°, 29%, 93%
XYZ	54.3230, 59.3447, 89.4805
YIQ	199.4710, -32.0030, 1.7970

Conversions

Conversions Part 2

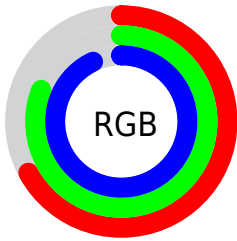
Format	Color
R _Y B	170, 194, 238
Decimal	11194350
CIE Lab	81.48, -5.24, -19.26
CIE LCh	81, 19.964, 254.796
Yxy	59.3447, 0.2674, 0.2921
Android (android.graphics.Color)	4289384430 (0xFFAACFEE)
YUV	199.4710, 18.9948, -25.8461
Hunter-Lab	77.0355, -8.9397, -14.9433

Details

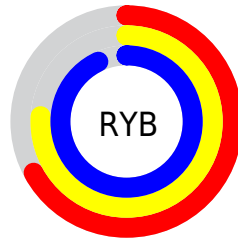
The Hex color **AACFEE** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **EEC9AA**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **E2FFFF**, and **7499B6** is the 20% darker color. If you saturate the color by 10%, you get **92C4EE**, and if you desaturate by 10%, it is **C2DAEE**.

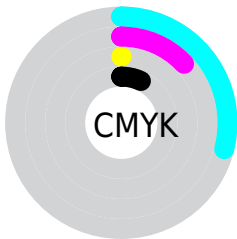
Distribution



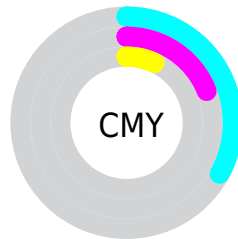
- Red (67%)
- Green (81%)
- Blue (93%)



- Red (67%)
- Yellow (76%)
- Blue (93%)



- Cyan (29%)
- Magenta (13%)
- Yellow (0%)
- Black (7%)



- Cyan (33%)
- Magenta (19%)
- Yellow (7%)

Brightness & Saturation Gradients

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

 AACFEE

 AACFEE

FFFFFF

 8FB3D2

 E2FFFF

 7499B6

 5A7F9B

 406681

 264E68

 073750

 002239

 000B23

 00000B

 AACFEE

 AACFEE

 92C4EE

 C2DAEE

 7AB9EE

 DAE5EE

 63AE EE

 F1F0EE

 4BA4EE

 FFFAEE

 3399EE

 FFFFEE

 1B8EEE

 0383EE

 0081EE

Harmonies

Analogous

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



9BD3E4



AACFEE



C2C9EE

Triad

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



AACFEE



F2BEC2



BAD1B0

Complementary

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



AACFEE



EEC9AA

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.



CFCCA6



AACFEE



EECOB1

Square

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



AACFEE



EABED5



E2C6A7



A6D5C0

Rectangle

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



AACFEE



D2C5E9



E2C6A7



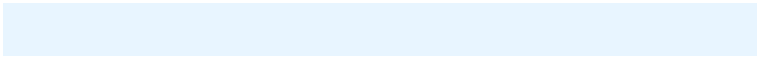
C1D0AB

Sweetspot

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



AACFEE



E8F5FF



AAEEC9



717980



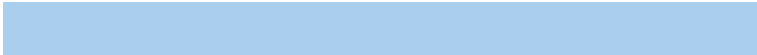
000000



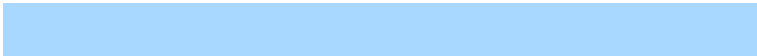
808080

Same Dimension

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



AACFEE



A8D7FF



AAAEDE



6C7278



0064B8



001F38

Inverse Universe

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



EEAACF



FFA8D7



EEEBA A



786C72



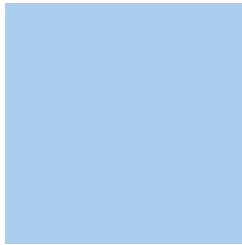
B80064



38001F

Previews

White Background



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

Color Contrast Check

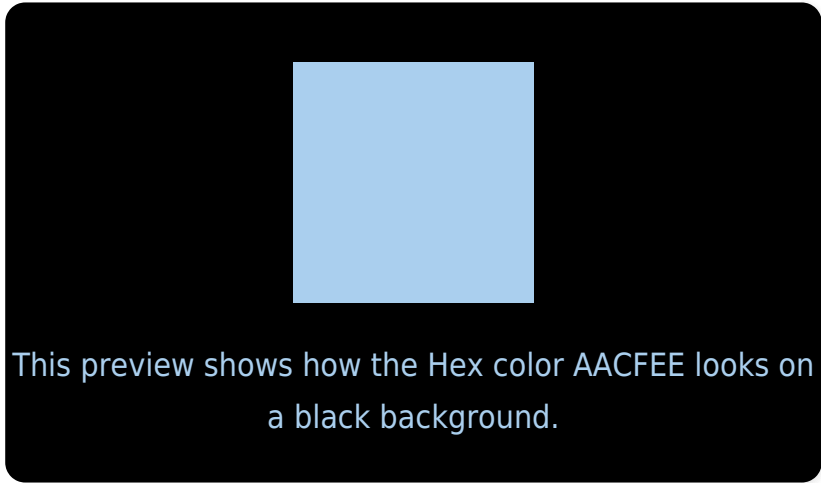
Large Text (above 18pt) WCAG AA × Fail

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

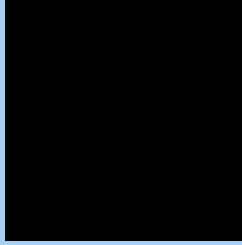
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

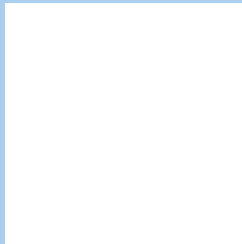
Any Text WCAG AAA ✓ Pass

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

Hex AACFEE Background



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



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

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](#).

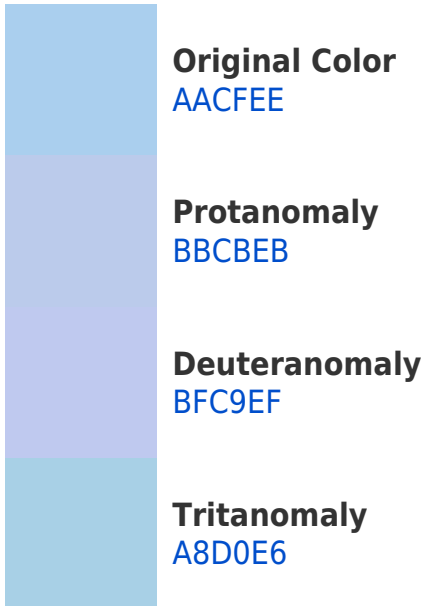
Dichromacy



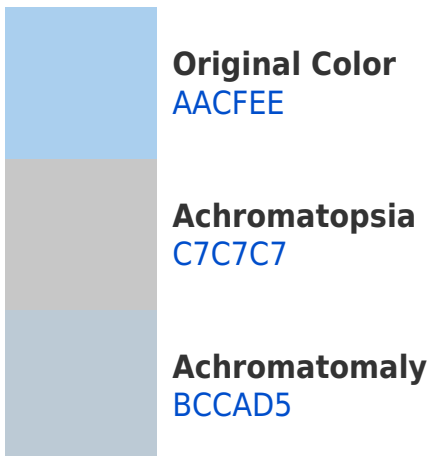


Tritanopia
A7D1E2

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #AACFEE colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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