

# Converting Colors

Hex(AACBFF)

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

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# **Color**

**Hex(AACBFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AACBFF
RGB	170, 203, 255
RGB Percent	67%, 80%, 100%
CMY	0.3333, 0.2039, 0.0000
CMYK	0.33, 0.20, 0.00, 0.00
HSL	217°, 100%, 83%
HSV	217°, 33%, 100%
XYZ	55.9835, 58.4779, 102.9445
YIQ	199.0610, -36.3600, 9.1760

# Conversions

## Conversions Part 2

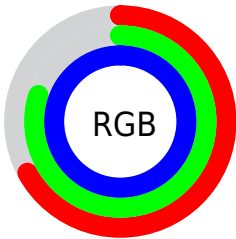
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	170, 194, 255
Decimal	11193343
CIE Lab	81.00, 1.01, -29.05
CIE LCh	81, 29.065, 271.983
Yxy	58.4779, 0.2575, 0.2690
Android (android.graphics.Color)	4289383423 (0xFFAACBFF)
YUV	199.0610, 27.5779, -25.4865
Hunter-Lab	76.4709, -3.1461, -26.2861

# Details

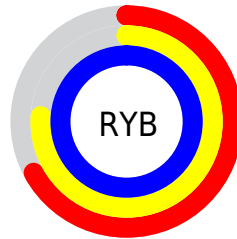
The Hex color **AACBFF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFDEAA**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **E3FFFF**, and **7395C6** is the 20% darker color. If you saturate the color by 10%, you get **91BBFF**, and if you desaturate by 10%, it is **C3DBFF**.

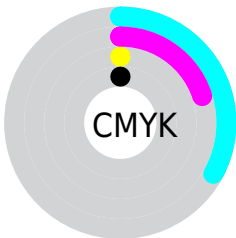
# Distribution



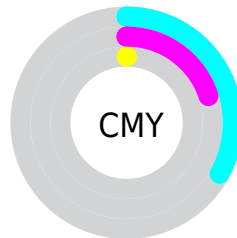
- Red (67%)
- Green (80%)
- Blue (100%)



- Red (67%)
- Yellow (76%)
- Blue (100%)



- Cyan (33%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)



- Cyan (33%)
- Magenta (20%)
- Yellow (0%)

# Brightness & Saturation Gradients

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



 AACBFF

 AACBFF

FFFFFF


 8EB0E2

 E3FFFF

 7395C6

 587BAB

 3E6390

 214B76

 00345D

 002045

 00062F

 000119

 AACBFF

 AACBFF

 91BBFF

 C3DBFF

 77ACFF

 DDEAFF


 5E9CFF

 F7FAFF

 448DFF

FFFFFF

 2A7DFF

 116DFF

 0063FF

# Harmonies

## Analogous

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



88D3F8



AACBFF



D0C2F7

# Triad

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



AACBFF



FFB8AE



9FD6AF

# Complementary

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



AACBFF



FFDEAA

# 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.



**BED09B**



**AACBFF**



**F2BF9A**

# Square

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



AACBFF



FEB5C8



DBC893



84D8CA

# Rectangle

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



AACBFF



E5BCEB



DBC893



A9D4A7



# Sweetspot

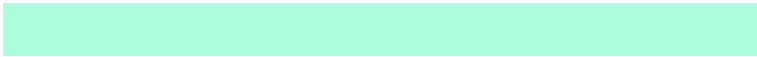
The Sweet Spot groups the original color and five complimentary colors.



AACBFF



E6EFFF



AAFFDD



707680



000000



808080



# Same Dimension

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



AACBFF



99C1FF



B2AAFF



737880



004ABF



001940



# Inverse Universe

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



FFAACB



FF99C1



F7FFAA



807378



BF004A



400019



# Previews

## White Background



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

## Color Contrast Check

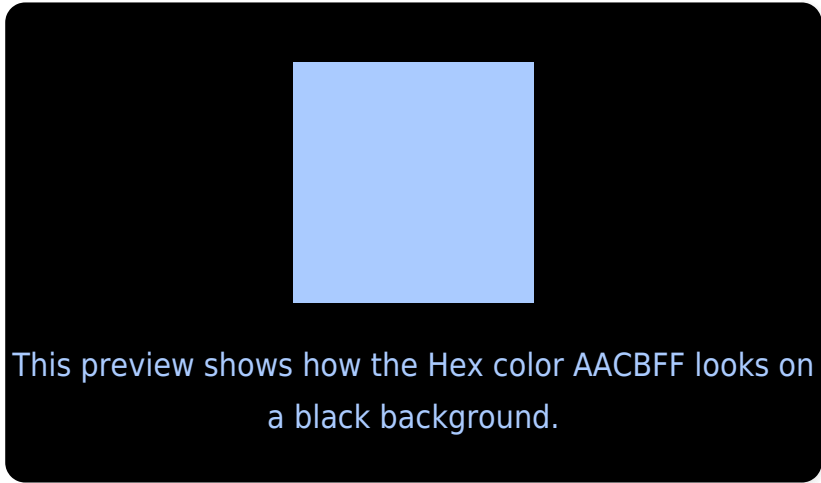
Large Text (above 18pt) WCAG AA × Fail

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

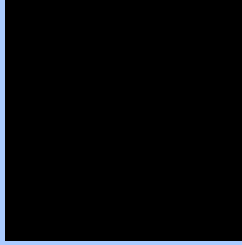
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

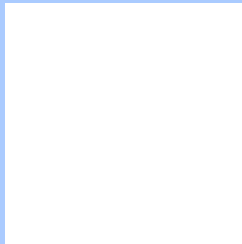
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex AACBFF Background



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



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

# 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](#).

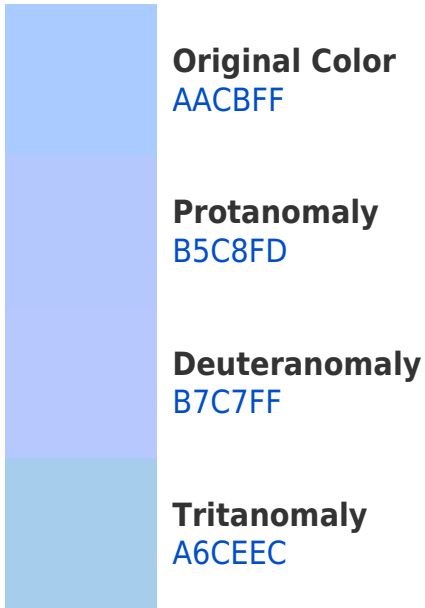
## Dichromacy



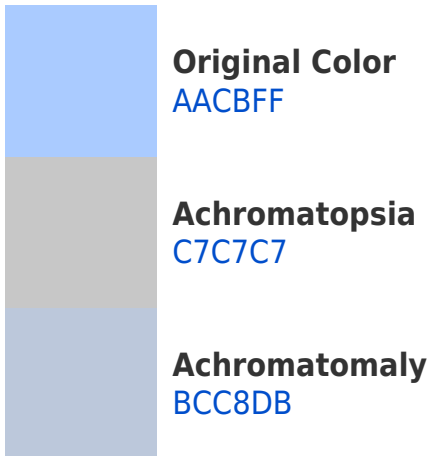


**Tritanopia**  
A3D0E1

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #AACBFF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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