

Converting Colors

Hex(AAC7FF)

Have a look what the booklet for
Hex(AAC7FF) contains.

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Color

Hex(AAC7FF)

Conversions

Conversions Part 1

Format	Color
Hex	AAC7FF
RGB	170, 199, 255
RGB Percent	67%, 78%, 100%
CMY	0.3333, 0.2196, 0.0000
CMYK	0.33, 0.22, 0.00, 0.00
HSL	220°, 100%, 83%
HSV	220°, 33%, 100%
XYZ	55.0510, 56.6129, 102.6336
YIQ	196.7130, -35.2600, 11.2680

Conversions

Conversions Part 2

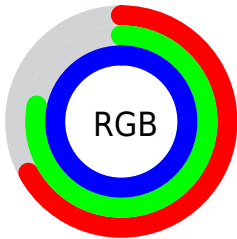
Format	Color
RYB	170, 192, 255
Decimal	11192319
CIELab	79.96, 3.16, -30.65
CIELCh	80, 30.810, 275.884
Yxy	56.6129, 0.2569, 0.2642
Android (android.graphics.Color)	4289382399 (0xFFAAC7FF)
YUV	196.7130, 28.7355, -23.4273
Hunter-Lab	75.2415, -1.0720, -28.2058

Details

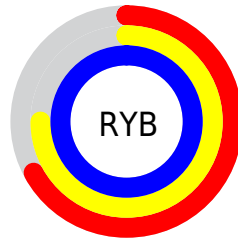
The Hex color **AAC7FF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFE2AA**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **E3FFFF**, and **7391C6** is the 20% darker color. If you saturate the color by 10%, you get **91B6FF**, and if you desaturate by 10%, it is **C3D8FF**.

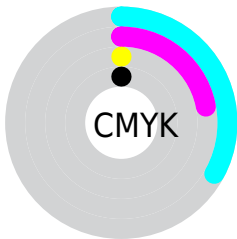
Distribution



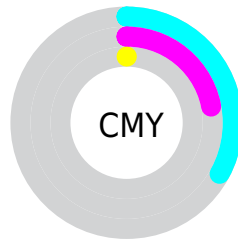
- Red (67%)
- Green (78%)
- Blue (100%)



- Red (67%)
- Yellow (75%)
- Blue (100%)



- Cyan (33%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (33%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color AAC7FF 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 AAC7FF by changing the saturation by 10% instead.

■ AAC7FF

■ AAC7FF

FFFFFF

■ 8EACE2

■ E3FFFF

■ 7391C6

■ 5878AB

■ 3E5F90

■ 214876

■ 00315D

■ 001D45

■ 00012F

■ 000119

 AAC7FF

 AAC7FF

 91B6FF

 C3D8FF

 77A5FF

 DDE9FF


 5E95FF

 F7F9FF

 4484FF

FFFFFF

 2A73FF

 1162FF

 0057FF

Harmonies

Analogous

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



83D0FA



AAC7FF



D2BDF5

Triad

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



AAC7FF



FEB4A6



95D4AE

Complementary

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



AAC7FF



FFE2AA

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.



B6CF97



AAC7FF



EFBD93

Square

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



AAC7FF



FFB1C2



D5C68D



78D6CB

Rectangle

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



AAC7FF



E7B7E7



D5C68D



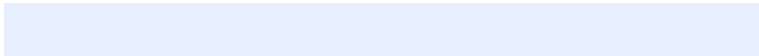
A0D3A5

Sweetspot

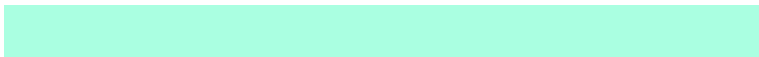
The Sweet Spot groups the original color and five complimentary colors.



AAC7FF



E6EEFF



AAFFE1



707580



000000



808080

Same Dimension

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



AAC7FF



99BCFF



B7AAFF



737780



0041BF



001640

Inverse Universe

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



FFAAC7



FF99BC



F2FFAA



807377



BF0041



400016

Previews

White Background



This preview shows how the Hex color AAC7FF looks on a white background.

Color Contrast Check

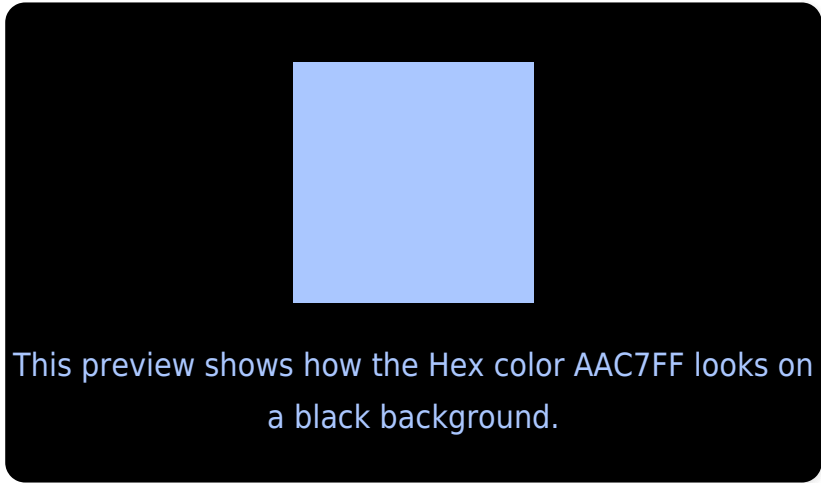
Large Text (above 18pt) WCAG AA × Fail

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

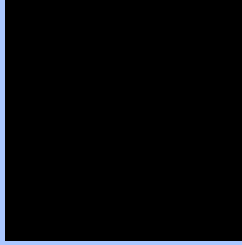
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

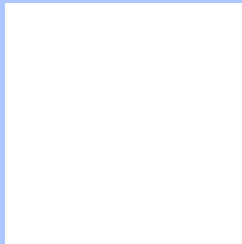
Any Text WCAG AAA ✓ Pass

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

Hex AAC7FF Background



This preview shows how black text looks on a background with the Hex color AAC7FF.

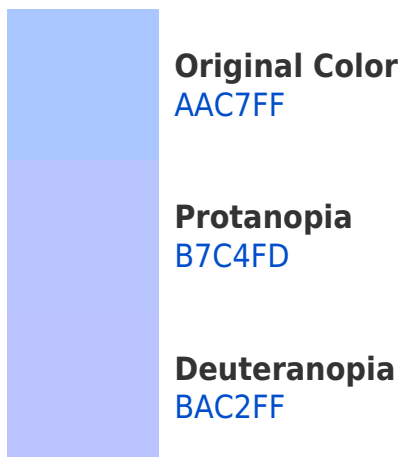


This preview shows how white text looks on a background with the Hex color AAC7FF.

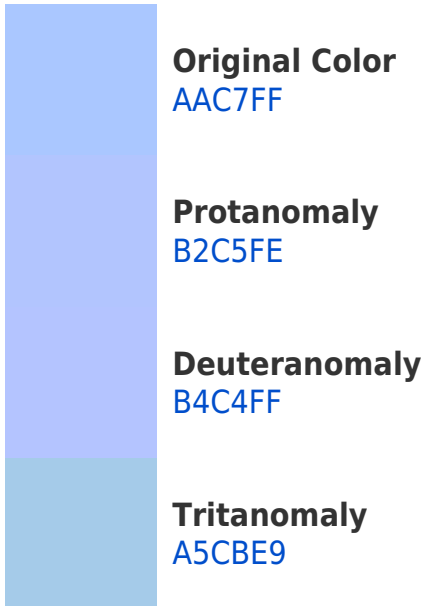
Color Blindness Simulation

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](#).

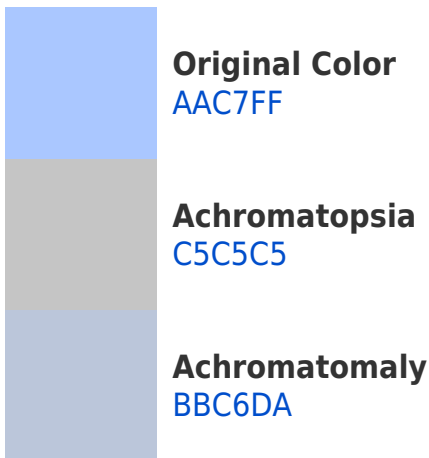
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AAC7FF 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 #AAC7FF looks like.

```
.text, #text, p{  
    color:#AAC7FF  
}
```

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 #AAC7FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AAC7FF  
}
```

Border

The CSS property to change the border of an element to Hex AAC7FF 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  
#AAC7FF }
```

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

```
.border{ border-color:#AAC7FF }
```

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

Here you see how a box with a 4 pixel #AAC7FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AAC7FF; -webkit-box-shadow:4px 4px  
4px 4px #AAC7FF; box-shadow:4px 4px 4px  
4px #AAC7FF }
```

Background

The CSS property to change the background color of an element to Hex AAC7FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AAC7FF }
```

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

```
.background{ background-color:#AAC7FF }
```

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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