

Converting Colors

Hex(A3BAFF)

Have a look what the booklet for
Hex(A3BAFF) contains.

Hex(A3BAFF)	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(A3BAFF)

Conversions

Conversions Part 1

Format	Color
Hex	A3BAFF
RGB	163, 186, 255
RGB Percent	64%, 73%, 100%
CMY	0.3608, 0.2706, 0.0000
CMYK	0.36, 0.27, 0.00, 0.00
HSL	225°, 100%, 82%
HSV	225°, 36%, 100%
XYZ	50.7132, 50.1243, 101.6098
YIQ	186.9890, -35.8570, 16.5830

Conversions

Conversions Part 2

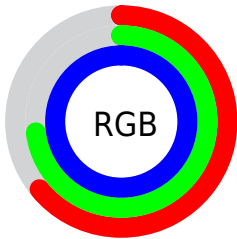
Format	Color
RYB	163, 181, 255
Decimal	10730239
CIELab	76.15, 8.36, -36.57
CIELCh	76, 37.515, 282.873
Yxy	50.1243, 0.2505, 0.2476
Android (android.graphics.Color)	4288920319 (0xFFA3BAFF)
YUV	186.9890, 33.5294, -21.0384
Hunter-Lab	70.7985, 3.9625, -35.5338

Details

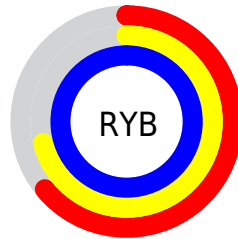
The Hex color **A3BAFF** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **FFE8A3**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **DCF2FF**, and **6C85C6** is the 20% darker color. If you saturate the color by 10%, you get **89A7FF**, and if you desaturate by 10%, it is **BCCDFF**.

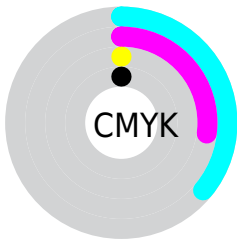
Distribution



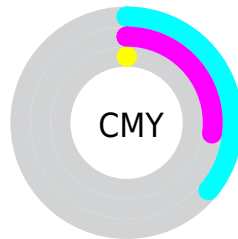
- Red (64%)
- Green (73%)
- Blue (100%)



- Red (64%)
- Yellow (71%)
- Blue (100%)



- Cyan (36%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)



- Cyan (36%)
- Magenta (27%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color A3BAFF 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 A3BAFF by changing the saturation by 10% instead.

 A3BAFF

 A3BAFF


FFFFFF

 879FE2

 DCF2FF

 6C85C6

 F9FFFF

 516CAB

 355490

 143D76

 00285D

 001445

 00042E

 000118

 A3BAFF

 A3BAFF

 89A7FF

 BCCDFE

 7094FF

 D6E0FF


 5681FF

 EFF3FF

 3D6DFE

FFFFFF

 235AFF

 0A47FF

 0040FF

Harmonies

Analogous

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



6BC5FD



A3BAFF



D3ADEF

Triad

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



A3BAFF



FAA88E



73CDA6

Complementary

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



A3BAFF



FFE8A3

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.



9EC888



A3BAFF



E4B37A

Square

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



A3BAFF



FFA1AE



C4BE77



4ACFCA

Rectangle

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



A3BAFF



EAA6DC



C4BE77



82CC9B

Sweetspot

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



A3BAFF



E3EAFF



A3FFE8



6F7380



000000



808080

Same Dimension

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



A3BAFF



91ADFF



BAA3FF



737680



0030BF



001040

Inverse Universe

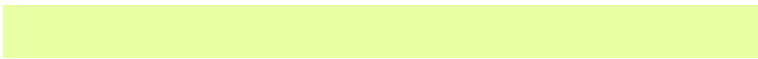
The Inverse Universe completely reimagines the original color for something new.



FFA3BA



FF91AD



E8FFA3



807376



BF0030



400010

Previews

White Background



This preview shows how the Hex color A3BAFF looks on a white background.

Color Contrast Check

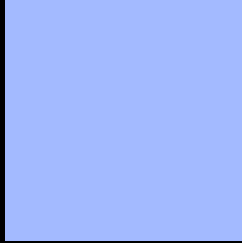
Large Text (above 18pt) WCAG AA × Fail

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 A3BAFF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

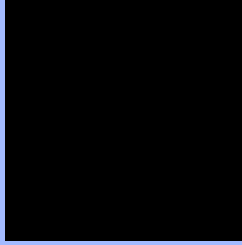
Any Text WCAG AA ✓ Pass

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 A3BAFF Background



This preview shows how black text looks on a background with the Hex color A3BAFF.



This preview shows how white text looks on a background with the Hex color A3BAFF.

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



Original Color
A3BAFF

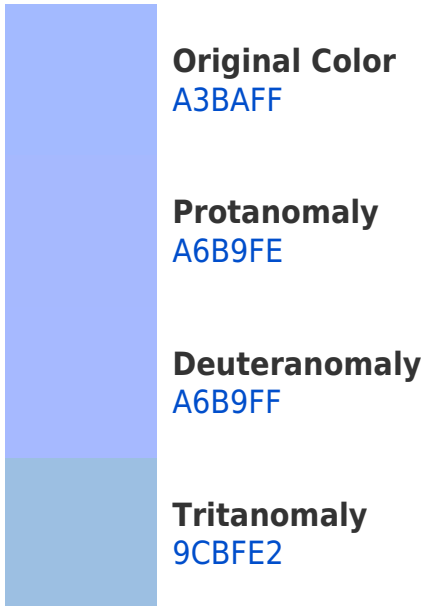
Protanopia
A7B9FE

Deuteranopia
A7B9FF

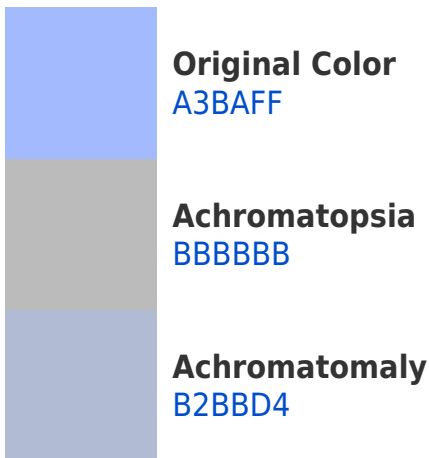


Tritanopia
98C2D2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A3BAFF 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 #A3BAFF looks like.

```
.text, #text, p{  
  color:#A3BAFF  
}
```

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 #A3BAFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3BAFF
}
```

Border

The CSS property to change the border of an element to Hex A3BAFF 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
#A3BAFF }
```

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

```
.border{ border-color:#A3BAFF }
```

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

Here you see how a box with a 4 pixel #A3BAFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3BAFF; -webkit-box-shadow:4px 4px  
4px 4px #A3BAFF; box-shadow:4px 4px 4px  
4px #A3BAFF }
```

Background

The CSS property to change the background color of an element to Hex A3BAFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3BAFF }
```

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

```
.background{ background-color:#A3BAFF }
```

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