

# Converting Colors

Hex(A3C8FF)

Have a look what the booklet for  
Hex(A3C8FF) contains.

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# **Color**

**Hex(A3C8FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A3C8FF
RGB	163, 200, 255
RGB Percent	64%, 78%, 100%
CMY	0.3608, 0.2157, 0.0000
CMYK	0.36, 0.22, 0.00, 0.00
HSL	216°, 100%, 82%
HSV	216°, 36%, 100%
XYZ	53.8085, 56.3151, 102.6416
YIQ	195.2070, -39.7070, 9.2610

# Conversions

## Conversions Part 2

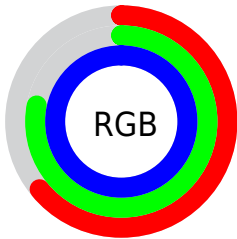
Format	Color
<a href="#">RYB</a>	<a href="#">163, 189, 255</a>
Decimal	<a href="#">10733823</a>
CIELab	<a href="#">79.79, 0.73, -30.94</a>
CIELCh	<a href="#">80, 30.952, 271.344</a>
Yxy	<a href="#">56.3151, 0.2529, 0.2647</a>
Android (android.graphics.Color)	<a href="#">4288923903</a> ( <a href="#">0xFFA3C8FF</a> )
YUV	<a href="#">195.2070, 29.4779, -28.2455</a>
Hunter-Lab	<a href="#">75.0434, -3.3356, -28.5644</a>

# Details

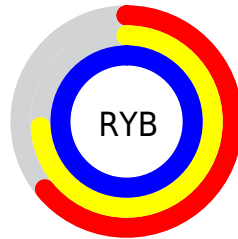
The Hex color **A3C8FF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFDAA3**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **DCFFFF**, and **6C92C6** is the 20% darker color. If you saturate the color by 10%, you get **89B9FF**, and if you desaturate by 10%, it is **BCD7FF**.

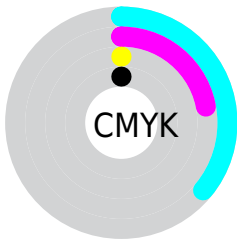
# Distribution



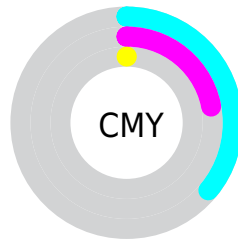
- Red (64%)
- Green (78%)
- Blue (100%)



- Red (64%)
- Yellow (74%)
- Blue (100%)



- Cyan (36%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (36%)
- Magenta (22%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A3C8FF 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 A3C8FF by changing the saturation by 10% instead.



 A3C8FF

 A3C8FF


FFFFFF

 87ADE2

 DCFFFF

 6C92C6

 F9FFFF

 5179AB

 356090

 144876

 00325D

 001E45

 00042F

 000119

 A3C8FF

 A3C8FF

 89B9FF

 BCD7FF

 70AAFF

 D6E6FF

 569AFF

 EFF6FF

 3D8BFF

FFFFFF

 237CFF

 0A6DFF

 0067FF

# Harmonies

## Analogous

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



7DD0F8



A3C8FF



CCBEF7

# Triad

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



A3C8FF



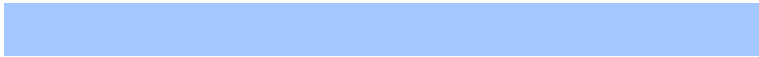
FFB3A9



99D3A9

# Complementary

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



A3C8FF



FFDA A3

# 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.



BACD94



A3C8FF



F2BB94

# Square

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



A3C8FF



FEB1C6



D9C48C



7BD6C6

# Rectangle

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



A3C8FF



E3B8EA



D9C48C



A4D2A1

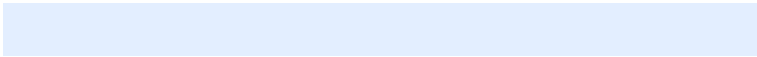


# Sweetspot

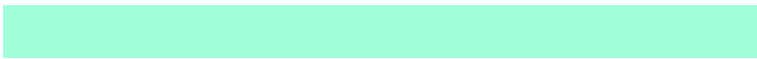
The Sweet Spot groups the original color and five complimentary colors.



A3C8FF



E3EEFF



A3FFD9



6F7680



000000



808080



# Same Dimension

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



A3C8FF



91BDFF



ABA3FF



737880



004DBF



001A40



# Inverse Universe

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



FFA3C8



FF91BD



F7FFA3



807378



BF004D



40001A



# Previews

## White Background



This preview shows how the Hex color A3C8FF looks on a white background.

## Color Contrast Check

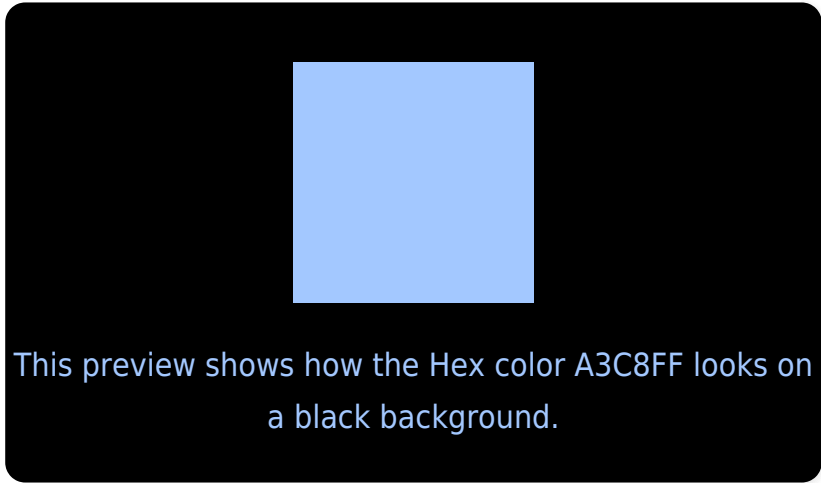
Large Text (above 18pt) WCAG AA × Fail

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

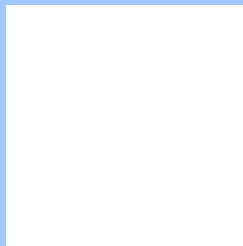
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A3C8FF Background



This preview shows how black text looks on a background with the Hex color A3C8FF.



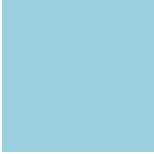
This preview shows how white text looks on a background with the Hex color A3C8FF.

# Color Blindness Simulation

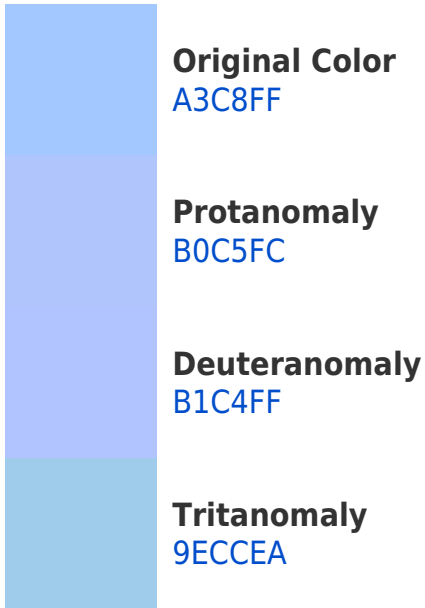
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

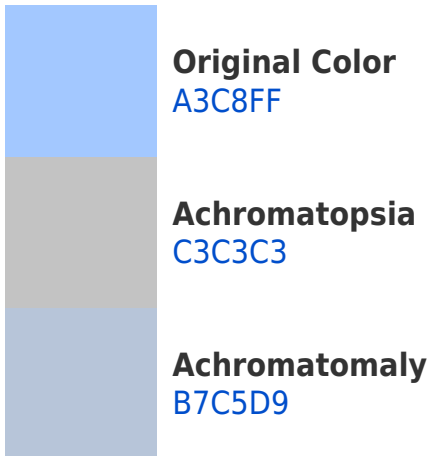




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A3C8FF 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 #A3C8FF looks like.

```
.text, #text, p{  
    color:#A3C8FF  
}
```

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 #A3C8FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3C8FF  
}
```

## Border

The CSS property to change the border of an element to Hex A3C8FF 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  
#A3C8FF }
```

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

```
.border{ border-color:#A3C8FF }
```

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

Here you see how a box with a 4 pixel #A3C8FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3C8FF; -webkit-box-shadow:4px 4px  
4px 4px #A3C8FF; box-shadow:4px 4px 4px  
4px #A3C8FF }
```

# Background

The CSS property to change the background color of an element to Hex A3C8FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3C8FF }
```

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

```
.background{ background-color:#A3C8FF }
```

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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