

# Converting Colors

Hex(A3CEFF)

Have a look what the booklet for  
Hex(A3CEFF) contains.

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# **Color**

**Hex(A3CEFF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A3CEFF
RGB	163, 206, 255
RGB Percent	64%, 81%, 100%
CMY	0.3608, 0.1922, 0.0000
CMYK	0.36, 0.19, 0.00, 0.00
HSL	212°, 100%, 82%
HSV	212°, 36%, 100%
XYZ	55.2256, 59.1491, 103.1140
YIQ	198.7290, -41.3570, 6.1230

# Conversions

## Conversions Part 2

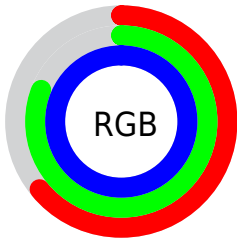
<b>Format</b>	<b>Color</b>
<b>RYB</b>	163, 192, 255
Decimal	10735359
CIELab	81.37, -2.49, -28.52
CIELCh	81, 28.626, 265.014
Yxy	59.1491, 0.2539, 0.2720
Android (android.graphics.Color)	4288925439 (0xFFA3CEFF)
YUV	198.7290, 27.7416, -31.3343
Hunter-Lab	76.9085, -6.4146, -25.6563

# Details

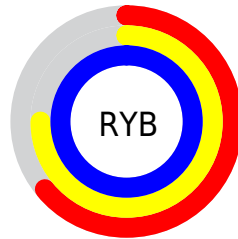
The Hex color **A3CEFF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFD4A3**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **DCFFFF**, and **6C98C6** is the 20% darker color. If you saturate the color by 10%, you get **89C0FF**, and if you desaturate by 10%, it is **BCDCFF**.

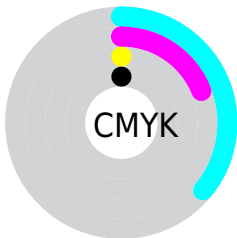
# Distribution



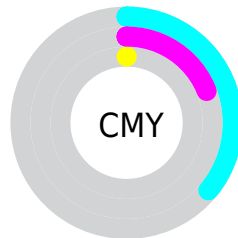
- Red (64%)
- Green (81%)
- Blue (100%)



- Red (64%)
- Yellow (75%)
- Blue (100%)



- Cyan (36%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)



- Cyan (36%)
- Magenta (19%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A3CEFF 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 A3CEFF by changing the saturation by 10% instead.



 A3CEFF

 A3CEFF


FFFFFF

 87B3E2

 DCFFFF

 6C98C6

 F9FFFF

 517EAB

 356590

 134D76

 00375D

 002246

 000A2F

 00011A

 A3CEFF

 A3CEFF

 89C0FF

 BCDCFF

 70B3FF

 D6E9FF

 56A5FF

 EFF7FF

 3D98FF

FFFFFF

 238AFF

 0A7DFF

 0077FF

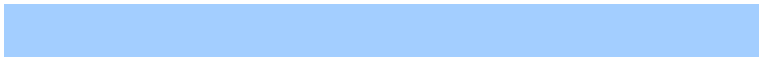
# Harmonies

## Analogous

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



84D5F5



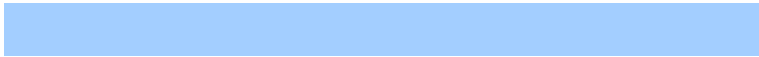
A3CEFF



C8C5FB

# Triad

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



A3CEFF



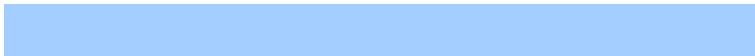
FFB8B5



A7D6AB

# Complementary

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



A3CEFF



FFD4A3

# 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.



C6CF99



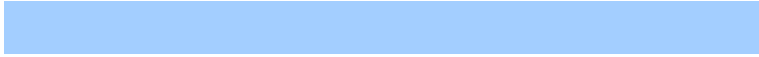
A3CEFF



F7BE9F

# Square

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



A3CEFF



FCB7D0



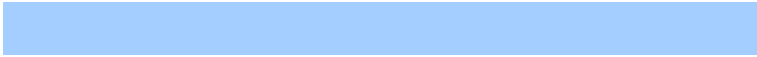
E2C795



8BD9C5

# Rectangle

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



A3CEFF



DFBFF0



E2C795



B2D4A4



# Sweetspot

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



A3CEFF



E3F0FF



A3FFD3



6F7780



000000



808080

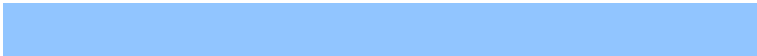


# Same Dimension

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



A3CEFF



91C5FF



A5A3FF



737980



0059BF



001E40



# Inverse Universe

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



FFA3CE



FF91C5



FDFFA3



807379



BF0059

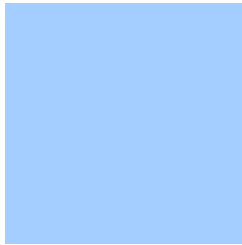


40001E



# Previews

## White Background



This preview shows how the Hex color A3CEFF looks on a white background.

## Color Contrast Check

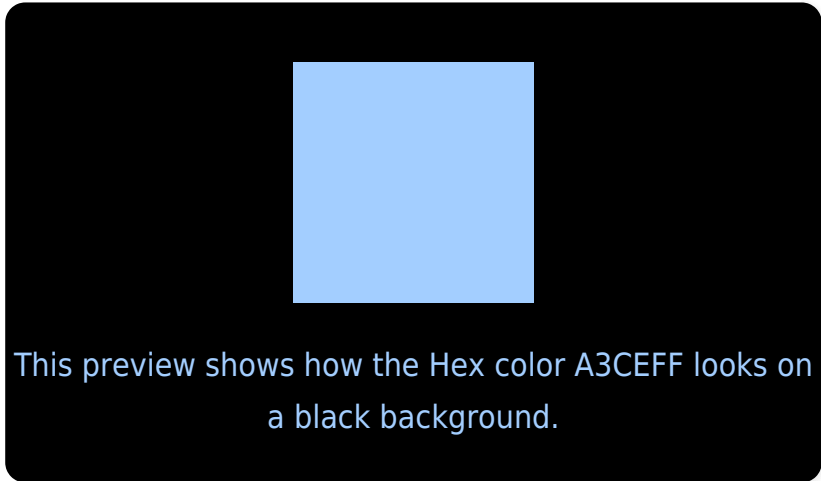
Large Text (above 18pt) WCAG AA × Fail

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

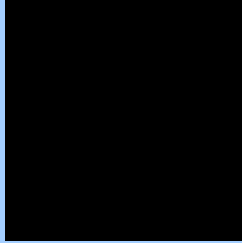
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

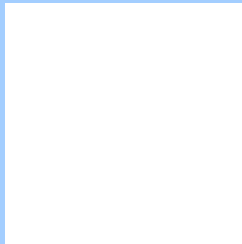
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex A3CEFF Background



This preview shows how black text looks on a background with the Hex color A3CEFF.



This preview shows how white text looks on a background with the Hex color A3CEFF.

# 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](#).

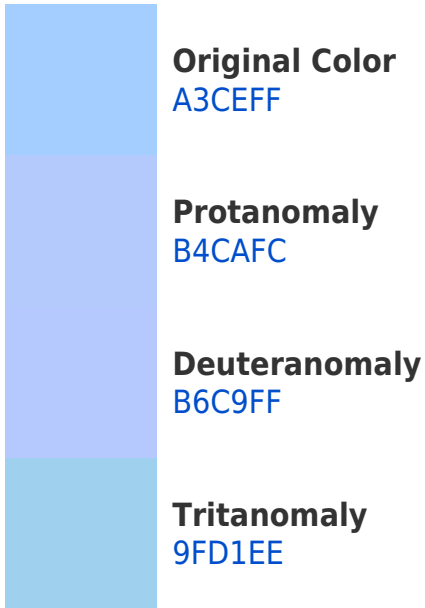
## Dichromacy



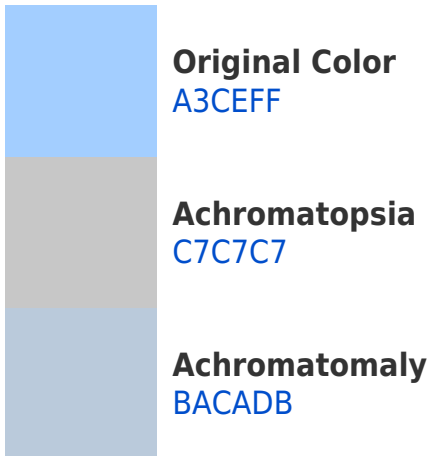


**Tritanopia**  
9CD3E4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A3CEFF 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 #A3CEFF looks like.

```
.text, #text, p{  
    color:#A3CEFF  
}
```

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 #A3CEFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3CEFF
}
```

## Border

The CSS property to change the border of an element to Hex A3CEFF 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
#A3CEFF }
```

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

```
.border{ border-color:#A3CEFF }
```

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

Here you see how a box with a 4 pixel #A3CEFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3CEFF; -webkit-box-shadow:4px 4px  
4px 4px #A3CEFF; box-shadow:4px 4px 4px  
4px #A3CEFF }
```

# Background

The CSS property to change the background color of an element to Hex A3CEFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3CEFF }
```

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

```
.background{ background-color:#A3CEFF }
```

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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