

# Converting Colors

Hex(A3E4FF)

Have a look what the booklet for  
Hex(A3E4FF) contains.

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# **Color**

**Hex(A3E4FF)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A3E4FF
RGB	163, 228, 255
RGB Percent	64%, 89%, 100%
CMY	0.3608, 0.1059, 0.0000
CMYK	0.36, 0.11, 0.00, 0.00
HSL	198°, 100%, 82%
HSV	198°, 36%, 100%
XYZ	60.8977, 70.4933, 105.0047
YIQ	211.6430, -47.4070, -5.3830

# Conversions

## Conversions Part 2

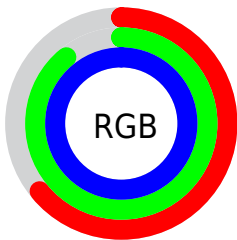
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	163, 201, 255
Decimal	10740991
CIE Lab	87.24, -13.95, -19.60
CIE LCh	87, 24.055, 234.566
Yxy	70.4933, 0.2576, 0.2982
Android (android.graphics.Color)	4288931071 (0xFFA3E4FF)
YUV	211.6430, 21.3750, -42.6599
Hunter-Lab	83.9603, -17.4618, -15.3786

# Details

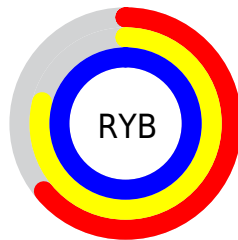
The Hex color **A3E4FF** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **FFBEA3**, and the grayscale version is **D3D3D3**.

A 20% lighter version of the original color is **DCFFFF**, and **6BAD66** is the 20% darker color. If you saturate the color by 10%, you get **89DDFF**, and if you desaturate by 10%, it is **BCEBFF**.

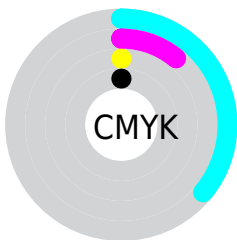
# Distribution



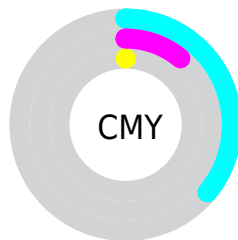
- Red (64%)
- Green (89%)
- Blue (100%)



- Red (64%)
- Yellow (79%)
- Blue (100%)



- Cyan (36%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (36%)
- Magenta (11%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A3E4FF 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 A3E4FF by changing the saturation by 10% instead.



 A3E4FF

 A3E4FF

FFFFFF

 87C8E2

 DCFEFC

 6BADC6

 FAEFEE

 5092AB

 337890

 0E5F77

 00485E

 003146

 001D30

 00011B

 A3E4FF

 A3E4FF

 89DDFF

 BCEBFF

 70D5FF

 D6F3FF

 56CEFF

 EFFAFF

 3DC6FF

FFFFFF

 23BFFF

 0AB7FF

 00B4FF

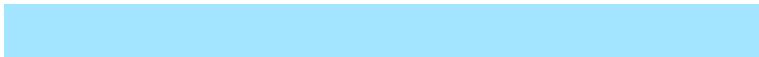
# Harmonies

## Analogous

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



9CE7ED



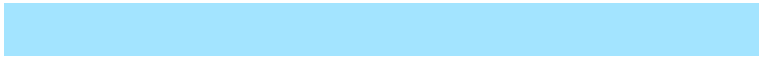
A3E4FF



BBDEFF

# Triad

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



A3E4FF



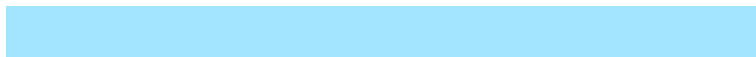
FFCBE0



D8DFB1

# Complementary

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



A3E4FF



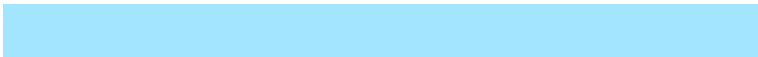
FFBEA3

# 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.



F0D8AD



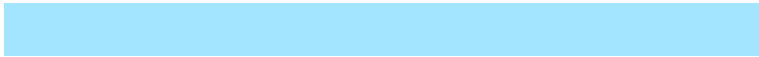
A3E4FF



FFCBC9

# Square

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



A3E4FF



F4CFF5



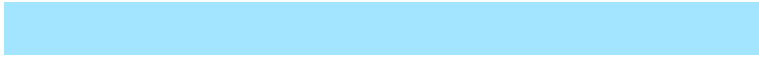
FFD0B6



BEE5BF

# Rectangle

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



A3E4FF



CFD9FF



FFD0B6

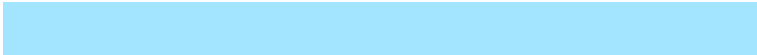


E0DDAE

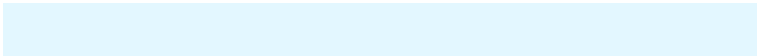


# Sweetspot

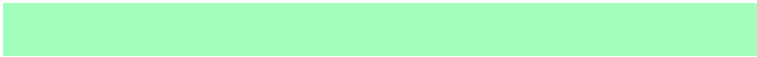
The Sweet Spot groups the original color and five complimentary colors.



A3E4FF



E3F7FF



A3FFBD



6F7B80



000000

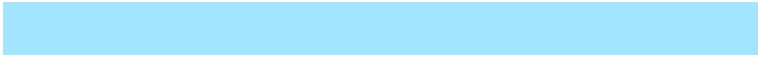


808080

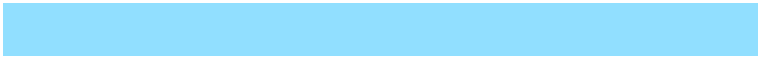


# Same Dimension

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



A3E4FF



91DFFF



A3B7FF



737C80



0087BF



002D40



# Inverse Universe

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



FFA3E4



FF91DF



FFEBA3



80737C



BF0087

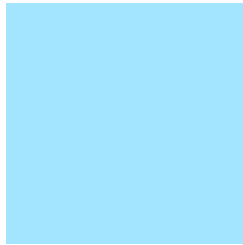


40002D



# Previews

## White Background



This preview shows how the Hex color A3E4FF looks on a white background.

## Color Contrast Check

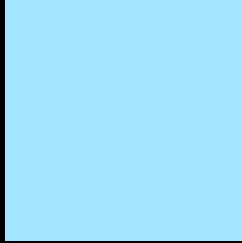
Large Text (above 18pt) WCAG AA × Fail

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 A3E4FF 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 A3E4FF Background



This preview shows how black text looks on a background with the Hex color A3E4FF.

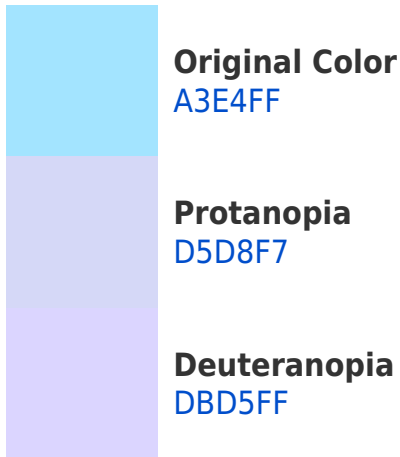


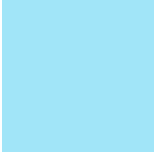
This preview shows how white text looks on a background with the Hex color A3E4FF.

# 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](#).

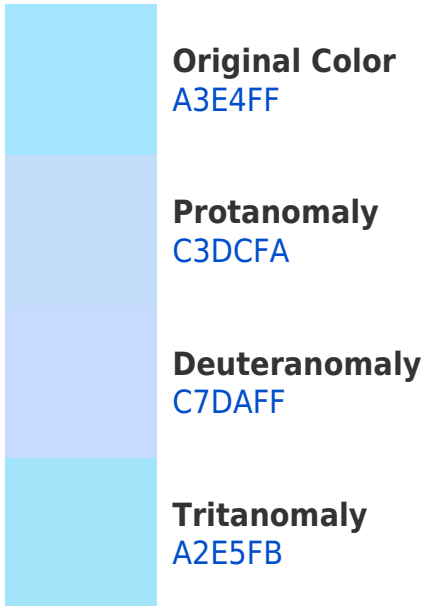
## Dichromacy



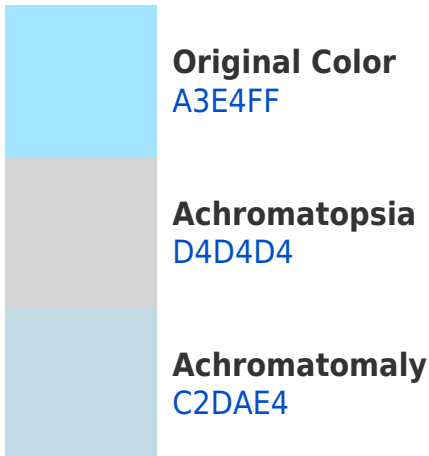


**Tritanopia**  
A1E5F8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A3E4FF 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 #A3E4FF looks like.

```
.text, #text, p{  
    color:#A3E4FF  
}
```

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 #A3E4FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3E4FF  
}
```

## Border

The CSS property to change the border of an element to Hex A3E4FF 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  
#A3E4FF }
```

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

```
.border{ border-color:#A3E4FF }
```

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

Here you see how a box with a 4 pixel #A3E4FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3E4FF; -webkit-box-shadow:4px 4px  
4px 4px #A3E4FF; box-shadow:4px 4px 4px  
4px #A3E4FF }
```

# Background

The CSS property to change the background color of an element to Hex A3E4FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3E4FF }
```

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

```
.background{ background-color:#A3E4FF }
```

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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