

# Converting Colors

Hex(A3E2FA)

Have a look what the booklet for  
Hex(A3E2FA) contains.

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# **Color**

**Hex(A3E2FA)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A3E2FA
RGB	163, 226, 250
RGB Percent	64%, 89%, 98%
CMY	0.3608, 0.1137, 0.0196
CMYK	0.35, 0.10, 0.00, 0.02
HSL	197°, 90%, 81%
HSV	197°, 35%, 98%
XYZ	59.5559, 69.0814, 100.6376
YIQ	209.8990, -45.2520, -5.8920

# Conversions

## Conversions Part 2

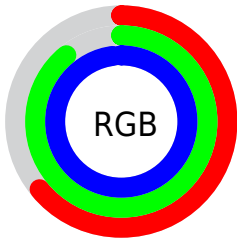
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	163, 200, 250
Decimal	10740474
CIE Lab	86.54, -14.14, -18.02
CIE LCh	87, 22.906, 231.868
Yxy	69.0814, 0.2598, 0.3013
Android (android.graphics.Color)	4288930554 (0xFFA3E2FA)
YUV	209.8990, 19.7698, -41.1304
Hunter-Lab	83.1152, -17.5480, -13.6089

# Details

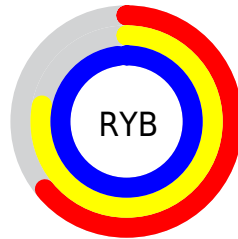
The Hex color **A3E2FA** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **FABBA3**, and the grayscale version is **D2D2D2**.

A 20% lighter version of the original color is **DCFFFF**, and **6CABC1** is the 20% darker color. If you saturate the color by 10%, you get **8ADBFA**, and if you desaturate by 10%, it is **BCE9FA**.

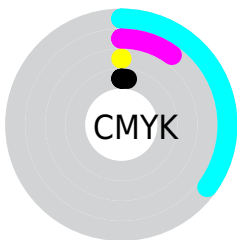
# Distribution



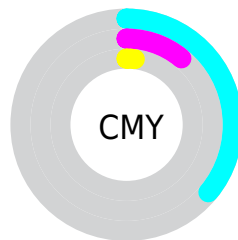
- Red (64%)
- Green (89%)
- Blue (98%)



- Red (64%)
- Yellow (78%)
- Blue (98%)



- Cyan (35%)
- Magenta (10%)
- Yellow (0%)
- Black (2%)



- Cyan (36%)
- Magenta (11%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A3E2FA 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 A3E2FA by changing the saturation by 10% instead.



 A3E2FA

 A3E2FA

FFFFFF

 87C6DD

 DCFEFC

 6CABC1

 FAEFEE

 5090A6

 34768C

 125E72

 00465A

 002F42

 001C2C

 000118

 A3E2FA

 A3E2FA

 8ADBFA

 BCE9FA

 71D4FA

 D5F0FA

 58CDFA

 EE77FA

 3FC6FA

 FFFEFA

 26C0FA

 FFFFFA

 0DB9FA

 00B5FA

# Harmonies

## Analogous

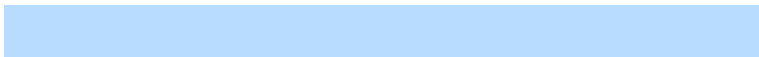
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9EE5E8



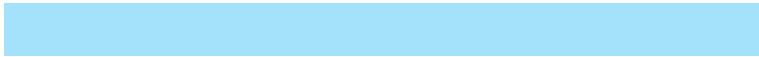
A3E2FA



B8DCFF

# Triad

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



A3E2FA



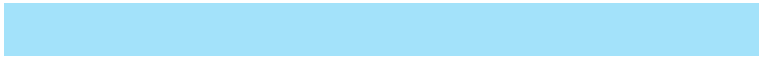
FFCADF



D8DCB0

# Complementary

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



A3E2FA



FABBA3

# 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.



EFD5AE



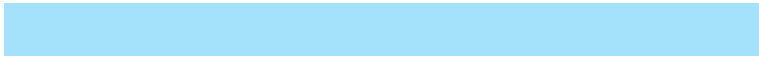
A3E2FA



FFCAC9

# Square

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



A3E2FA



EFCEF4



FFCEB7



C0E2BD

# Rectangle

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



A3E2FA



CBD8FF



FFCEB7

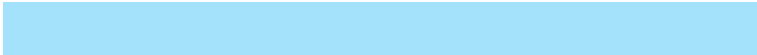


E0DAAE

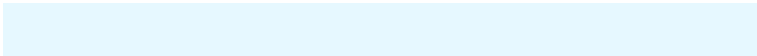


# Sweetspot

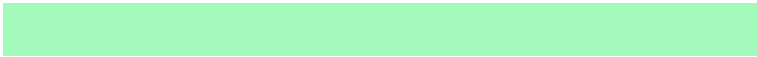
The Sweet Spot groups the original color and five complimentary colors.



A3E2FA



E6F8FF



A3FABA



707B80



000000



808080

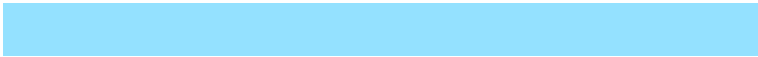


# Same Dimension

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



A3E2FA



94E1FF



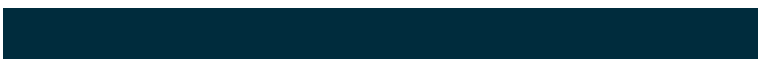
A3B7FA



707A7D



0089BD



002C3D



# Inverse Universe

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



FAA3E2



FF94E1



FAE6A3



7D707A



BD0089

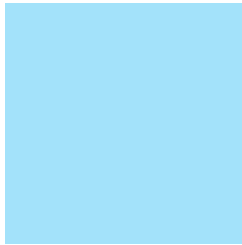


3D002C



# Previews

## White Background



This preview shows how the Hex color A3E2FA looks on a white background.

## Color Contrast Check

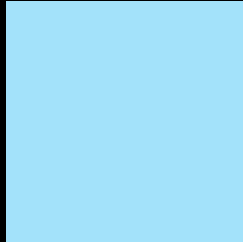
Large Text (above 18pt) WCAG AA × Fail

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 A3E2FA 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 A3E2FA Background



This preview shows how black text looks on a background with the Hex color A3E2FA.

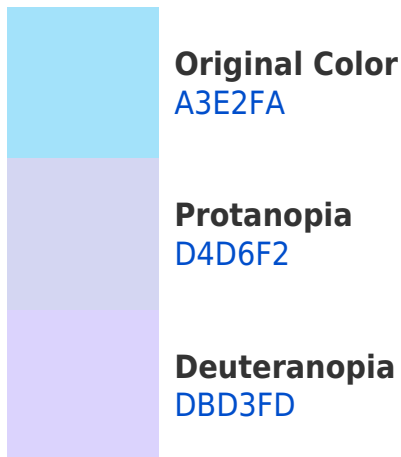


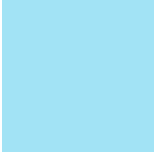
This preview shows how white text looks on a background with the Hex color A3E2FA.

# 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](#).

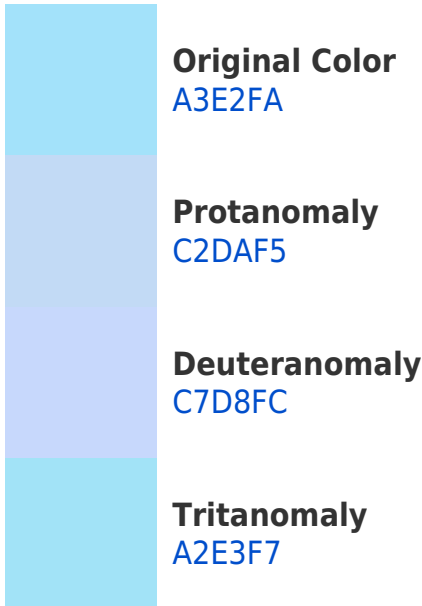
## Dichromacy



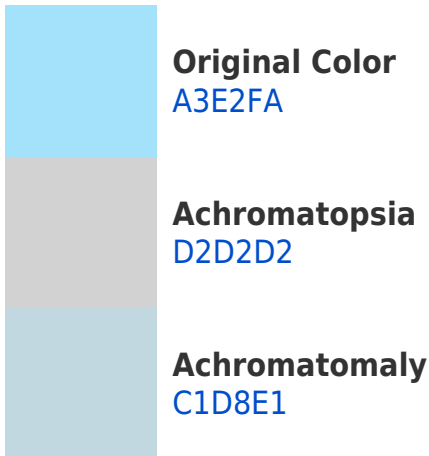


**Tritanopia**  
A2E3F5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A3E2FA 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 #A3E2FA looks like.

```
.text, #text, p{  
    color:#A3E2FA  
}
```

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 #A3E2FA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3E2FA
}
```

## Border

The CSS property to change the border of an element to Hex A3E2FA 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
#A3E2FA }
```

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

```
.border{ border-color:#A3E2FA }
```

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

Here you see how a box with a 4 pixel #A3E2FA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3E2FA; -webkit-box-shadow:4px 4px  
4px 4px #A3E2FA; box-shadow:4px 4px 4px  
4px #A3E2FA }
```

# Background

The CSS property to change the background color of an element to Hex A3E2FA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3E2FA }
```

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

```
.background{ background-color:#A3E2FA }
```

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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