

Converting Colors

Hex(A3AEF8)

Have a look what the booklet for
Hex(A3AEF8) contains.

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Color

Hex(A3AEF8)

Conversions

Conversions Part 1

Format	Color
Hex	A3AEF8
RGB	163, 174, 248
RGB Percent	64%, 68%, 97%
CMY	0.3608, 0.3176, 0.0275
CMYK	0.34, 0.30, 0.00, 0.03
HSL	232°, 86%, 81%
HSV	232°, 34%, 97%
XYZ	47.1836, 44.8359, 94.9743
YIQ	179.1470, -30.3100, 20.6820

Conversions

Conversions Part 2

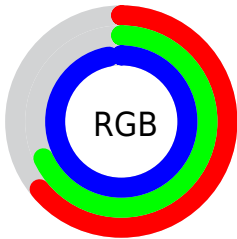
Format	Color
R _Y B	163, 173, 248
Decimal	10727160
CIE Lab	72.78, 13.21, -38.02
CIE LCh	73, 40.249, 289.165
Yxy	44.8359, 0.2523, 0.2398
Android (android.graphics.Color)	4288917240 (0xFFA3AEF8)
YUV	179.1470, 33.9445, -14.1609
Hunter-Lab	66.9596, 8.6019, -37.2241

Details

The Hex color **A3AEF8** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **F8EDA3**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **DCE5FF**, and **6C7ABF** is the 20% darker color. If you saturate the color by 10%, you get **8A98F8**, and if you desaturate by 10%, it is **BCC4F8**.

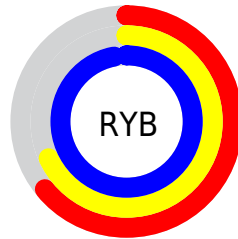
Distribution



Red (64%)

Green (68%)

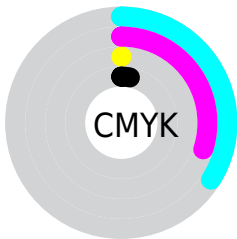
Blue (97%)



Red (64%)

Yellow (68%)

Blue (97%)

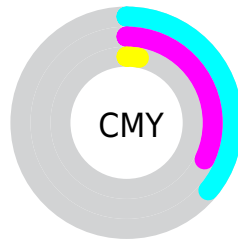


Cyan (34%)

Magenta (30%)

Yellow (0%)

Black (3%)



Cyan (36%)

Magenta (32%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color A3AEF8 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 A3AEF8 by changing the saturation by 10% instead.

 A3AEF8

 A3AEF8


FFFFFF

 8793DB

 DCE5FF

 6C7ABF

 F9FFFF

 5161A4

 364A89

 183370

 001F57

 00063F

 000328

 000112

 A3AEF8

 A3AEF8

 8A98F8

 BCC4F8

 7183F8

 D5D9F8

 596DF8

 EDEFF8

 4058F8

 FFFFF8

 2742F8

 0E2CF8

 0020F8

Harmonies

Analogous

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



64BAFA



A3AEF8



D4A1E3

Triad

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



A3AEF8



F09F7C



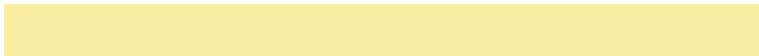
58C5A4

Complementary

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



A3AEF8



F8EDA3

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.



89C181



A3AEF8



D6AC6A

Square

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



A3AEF8



FA979C



B3B86C



15C6CA

Rectangle

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



A3AEF8



EA99CE



B3B86C



69C497

Sweetspot

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



A3AEF8



E6E9FF



A3F8ED



707280



000000



808080

Same Dimension

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



A3AEF8



96A4FF



C2A3F8



70727D



0018BD



00083D

Inverse Universe

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



F8A3AE



FF96A4



D9F8A3



7D7072



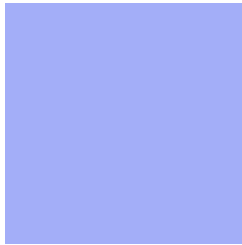
BD0018



3D0008

Previews

White Background



This preview shows how the Hex color A3AEF8 looks on a white background.

Color Contrast Check

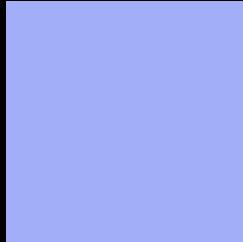
Large Text (above 18pt) WCAG AA × Fail

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 A3AEF8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

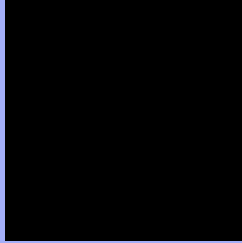
Any Text WCAG AA ✓ Pass

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 A3AEF8 Background



This preview shows how black text looks on a background with the Hex color A3AEF8.



This preview shows how white text looks on a background with the Hex color A3AEF8.

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
A3AEF8

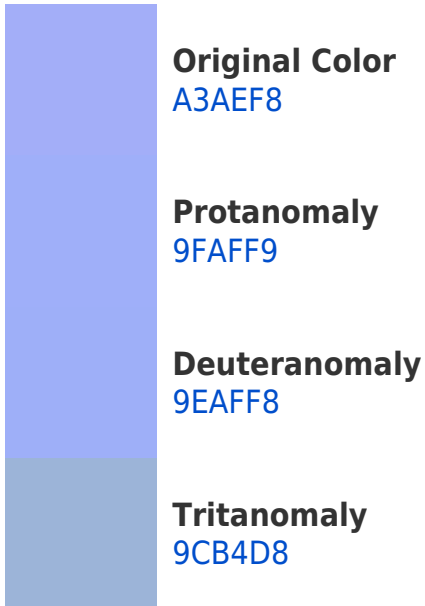
Protanopia
9CB0F9

Deuteranopia
9BB0F8

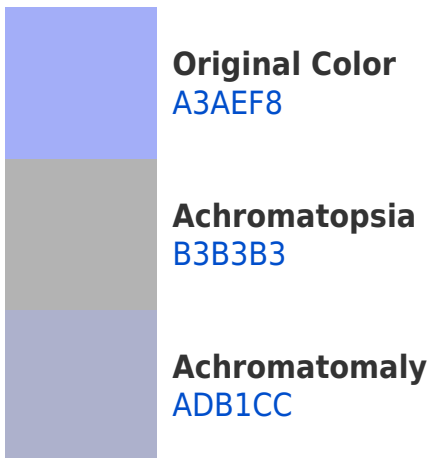


Tritanopia
98B8C6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A3AEF8 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 #A3AEF8 looks like.

```
.text, #text, p{  
    color:#A3AEF8  
}
```

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 #A3AEF8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A3AEF8
}
```

Border

The CSS property to change the border of an element to Hex A3AEF8 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
#A3AEF8 }
```

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

```
.border{ border-color:#A3AEF8 }
```

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

Here you see how a box with a 4 pixel #A3AEF8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A3AEF8; -webkit-box-shadow:4px 4px  
4px 4px #A3AEF8; box-shadow:4px 4px 4px  
4px #A3AEF8 }
```

Background

The CSS property to change the background color of an element to Hex A3AEF8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A3AEF8 }
```

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

```
.background{ background-color:#A3AEF8 }
```

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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