

# Converting Colors

Hex(A1AFEB)

Have a look what the booklet for  
Hex(A1AFEB) contains.

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# **Color**

**Hex(A1AFEB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A1AFEB
RGB	161, 175, 235
RGB Percent	63%, 69%, 92%
CMY	0.3686, 0.3137, 0.0784
CMYK	0.31, 0.26, 0.00, 0.08
HSL	229°, 65%, 78%
HSV	229°, 31%, 92%
XYZ	45.0233, 44.2352, 84.7625
YIQ	177.6540, -27.6040, 15.6920

# Conversions

## Conversions Part 2

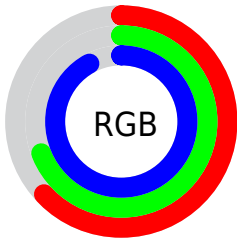
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">161, 173, 235</a>
Decimal	<a href="#">10596331</a>
CIELab	<a href="#">72.39, 8.79, -31.59</a>
CIELCh	<a href="#">72, 32.795, 285.553</a>
Yxy	<a href="#">44.2352, 0.2587, 0.2542</a>
Android (android.graphics.Color)	<a href="#">4288786411</a> ( <a href="#">0xFFA1AFEB</a> )
YUV	<a href="#">177.6540, 28.2716, -14.6056</a>
Hunter-Lab	<a href="#">66.5095, 4.4431, -29.0050</a>

# Details

The Hex color **A1AFEB** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **EBDDA1**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **D9E6FF**, and **6B7BB3** is the 20% darker color. If you saturate the color by 10%, you get **8A9CEB**, and if you desaturate by 10%, it is **B8C2EB**.

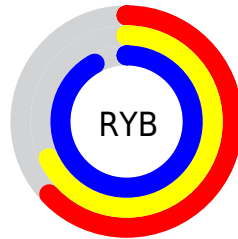
# Distribution



Red (63%)

Green (69%)

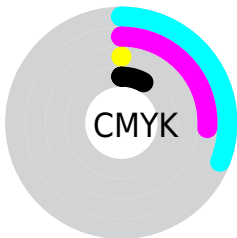
Blue (92%)



Red (63%)

Yellow (68%)

Blue (92%)

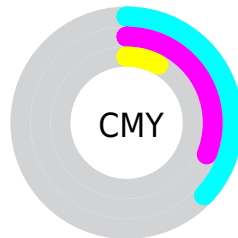


Cyan (31%)

Magenta (26%)

Yellow (0%)

Black (8%)



Cyan (37%)

Magenta (31%)

Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A1AFEB 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 A1AFEB by changing the saturation by 10% instead.



 A1AFEB

 A1AFEB

FFFFFF

 8694CF

 D9E6FF

 6B7BB3

 F6FFFF

 516298

 374A7E

 1B3465

 001F4C

 000635

 00021F

 000003

 A1AFEB

 A1AFEB

 8A9CEB

 B8C2EB

 7289EB

 D0D5EB

 5A76EB

 E8E8EB

 4363EB

 FFFBEB

 2B50EB

 FFFFEB

 143DEB

 002CEB

# Harmonies

## Analogous

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



73B9EB



A1AFEB



C9A4DC

# Triad

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



A1AFEB



E7A188



71C1A2

# Complementary

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



A1AFEB



EBDDA1

# 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.



95BC87



A1AFEB



D3AB78

# Square

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



A1AFEB



ED9BA3



B7B577



53C2C1

# Rectangle

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



A1AFEB



DC9FCB



B7B577



7DC098



# Sweetspot

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



A1AFEB



E8ECFF



A1EBDC



717480



000000



808080



# Same Dimension

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



A1AFEB



9EB0FF



B7A1EB



6A6C75



0022B5



000A36



# Inverse Universe

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



EBA1AF



FF9EB0



D5EBA1



756A6C



B50022

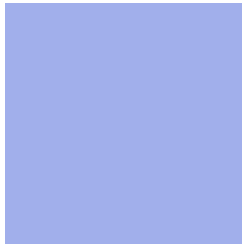


36000A



# Previews

## White Background



This preview shows how the Hex color A1AFEB looks on a white background.

## Color Contrast Check

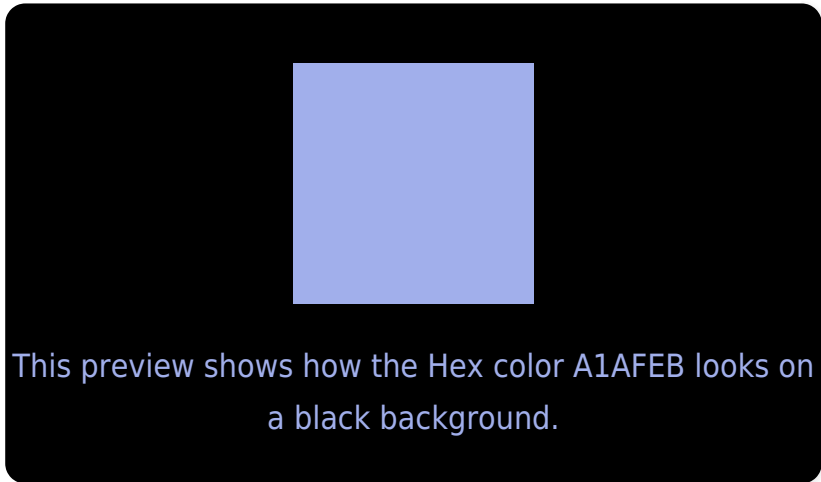
Large Text (above 18pt) WCAG AA × Fail

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

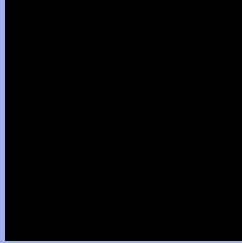
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A1AFEB Background



This preview shows how black text looks on a background with the Hex color A1AFEB.



This preview shows how white text looks on a background with the Hex color A1AFEB.

# 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**  
A1AFEB

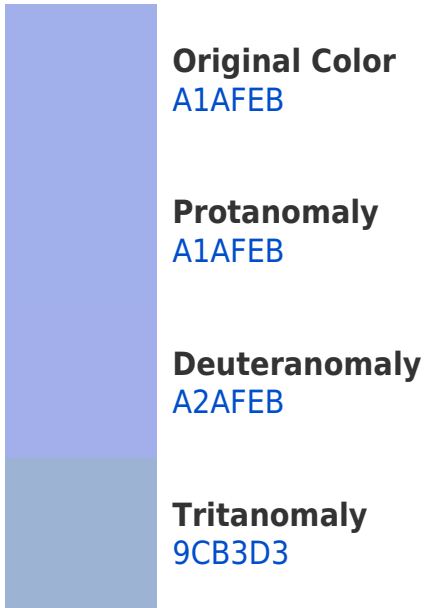
**Protanopia**  
A1AFEB

**Deuteranopia**  
A3AFEB

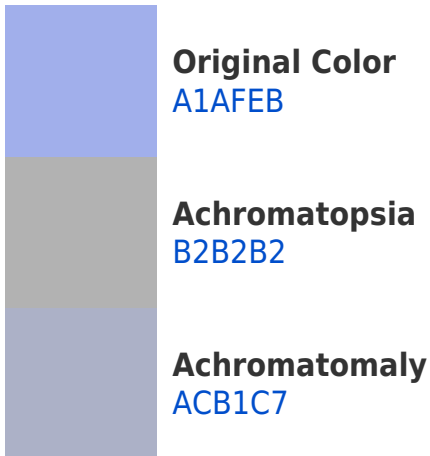


**Tritanopia**  
99B6C5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A1AFEB 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 #A1AFEB looks like.

```
.text, #text, p{  
    color:#A1AFEB  
}
```

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 #A1AFEB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A1AFEB
}
```

## Border

The CSS property to change the border of an element to Hex A1AFEB 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
#A1AFEB }
```

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

```
.border{ border-color:#A1AFEB }
```

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

Here you see how a box with a 4 pixel #A1AFEB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A1AFEB; -webkit-box-shadow:4px 4px  
4px 4px #A1AFEB; box-shadow:4px 4px 4px  
4px #A1AFEB }
```

# Background

The CSS property to change the background color of an element to Hex A1AFEB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A1AFEB }
```

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

```
.background{ background-color:#A1AFEB }
```

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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