

Converting Colors

Hex(A1AEEF)

Have a look what the booklet for
Hex(A1AEEF) contains.

Hex(A1AEEF)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(A1AEFF)

Conversions

Conversions Part 1

Format	Color
Hex	A1AEEF
RGB	161, 174, 239
RGB Percent	63%, 68%, 94%
CMY	0.3686, 0.3176, 0.0627
CMYK	0.33, 0.27, 0.00, 0.06
HSL	230°, 71%, 78%
HSV	230°, 33%, 94%
XYZ	45.4140, 44.0812, 87.7763
YIQ	177.5230, -28.6130, 17.4590

Conversions

Conversions Part 2

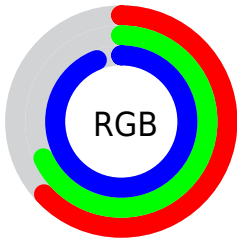
Format	Color
RYB	161, 172, 239
Decimal	10596079
CIELab	72.28, 10.36, -33.93
CIELCh	72, 35.473, 286.981
Yxy	44.0812, 0.2562, 0.2487
Android (android.graphics.Color)	4288786159 (0xFFA1AEEF)
YUV	177.5230, 30.3082, -14.4907
Hunter-Lab	66.3936, 5.9071, -31.9093

Details

The Hex color **A1AEEF** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **EFE2A1**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **D9E5FF**, and **6B7AB7** is the 20% darker color. If you saturate the color by 10%, you get **899AEF**, and if you desaturate by 10%, it is **B9C2EF**.

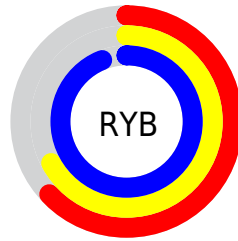
Distribution



Red (63%)

Green (68%)

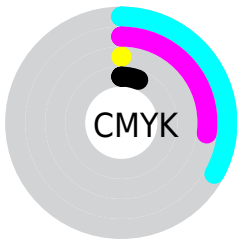
Blue (94%)



Red (63%)

Yellow (67%)

Blue (94%)

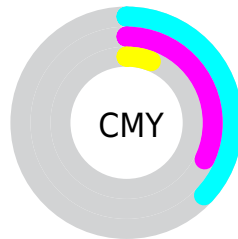


Cyan (33%)

Magenta (27%)

Yellow (0%)

Black (6%)



Cyan (37%)

Magenta (32%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Hex color A1AEEF 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 A1AEEF by changing the saturation by 10% instead.

 A1AEEF

 A1AEEF


FFFFFF

 8693D3

 D9E5FF

 6B7AB7

 F6FFFF

 51619C

 364981

 193368

 001E50

 000538

 000222

 000008

 A1AEEF

 A1AEEF

 899AEF

 B9C2EF

 7186EF

 D1D6EF

 5972EF

 E9EAEF

 415EEF

 FFFEEF

 2A4AEF

 FFFFEF

 1237EF

 0028EF

Harmonies

Analogous

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



6DB9F0



A1AEEF



CCA2DE

Triad

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



A1AEEF



EAA083



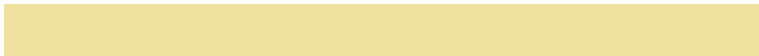
68C2A2

Complementary

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



A1AEEF



EFE2A1

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.



90BD84



A1AEFF



D4AA72

Square

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



A1AEEF



F199A0



B5B572



43C3C3

Rectangle

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



A1AEFF



E19CCB



B5B572



76C197

Sweetspot

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



A1AEEF



E6EAFF



A1EFE2



707380



000000



808080

Same Dimension

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



A1AEEF



9CACFF



BBA1EF



6C6E78



001FB8



000938

Inverse Universe

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



EFA1AE



FF9CAC



D5EFA1



786C6E



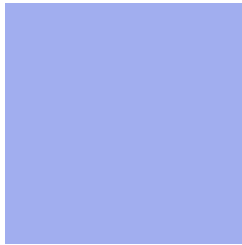
B8001F



380009

Previews

White Background



This preview shows how the Hex color A1AEEF looks on a white background.

Color Contrast Check

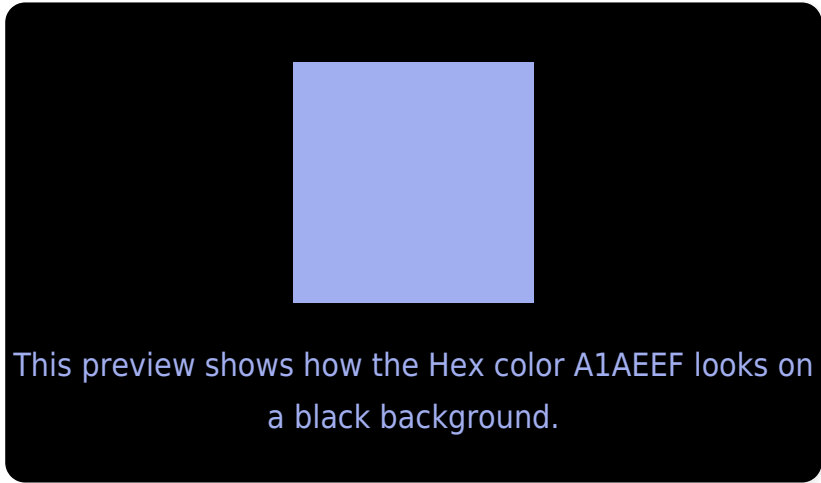
Large Text (above 18pt) WCAG AA × Fail

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

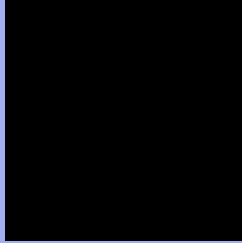
Any Text WCAG AA ✓ Pass

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 A1AEFF Background



This preview shows how black text looks on a background with the Hex color A1AEFF.



This preview shows how white text looks on a background with the Hex color A1AEFF.

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
A1AEEF

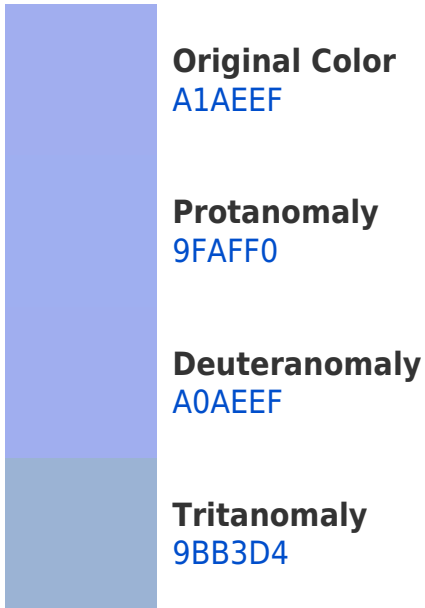
Protanopia
9EAFF0

Deuteranopia
9FAEEF

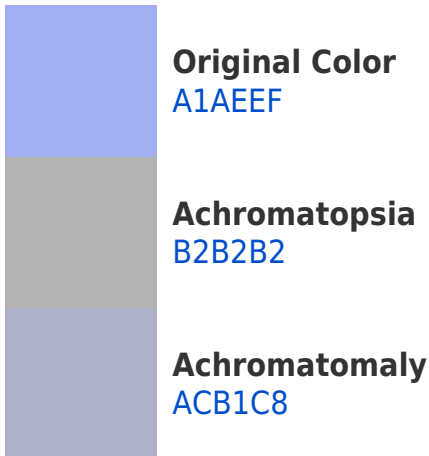


Tritanopia
98B6C5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A1AEEF 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 #A1AEEF looks like.

```
.text, #text, p{  
    color:#A1AEEF  
}
```

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 #A1AEFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A1AEFF
}
```

Border

The CSS property to change the border of an element to Hex A1AEFF is called "border". The border property can be set on classes, ids or directly on the HTML element.

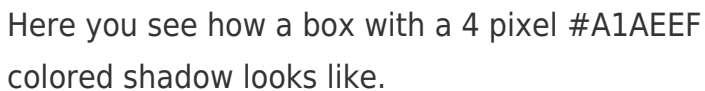
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A1AEFF }
```

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

```
.border{ border-color:#A1AEEF }
```

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



Here you see how a box with a 4 pixel `#A1AEEF` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A1AEEF; -webkit-box-shadow:4px 4px  
4px 4px #A1AEEF; box-shadow:4px 4px 4px  
4px #A1AEEF }
```

Background

The CSS property to change the background color of an element to Hex A1AEEF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A1AEEF }
```

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

```
.background{ background-color:#A1AEEF }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor