

Converting Colors

Hex(A0AFE8)

Have a look what the booklet for
Hex(A0AFE4) contains.

Hex(A0AFE4)	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(A0AFE8)

Conversions

Conversions Part 1

Format	Color
Hex	A0AFEA
RGB	160, 175, 234
RGB Percent	63%, 69%, 92%
CMY	0.3725, 0.3137, 0.0824
CMYK	0.32, 0.25, 0.00, 0.08
HSL	228°, 64%, 77%
HSV	228°, 32%, 92%
XYZ	44.6785, 44.0740, 83.9942
YIQ	177.2410, -27.8790, 15.1690

Conversions

Conversions Part 2

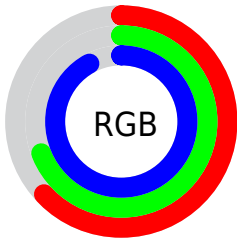
Format	Color
R _Y B	160, 172, 234
Decimal	10530794
CIE Lab	72.28, 8.26, -31.22
CIE LCh	72, 32.296, 284.817
Yxy	44.0740, 0.2586, 0.2551
Android (android.graphics.Color)	4288720874 (0xFFA0AFE6)
YUV	177.2410, 27.9822, -15.1204
Hunter-Lab	66.3883, 3.9487, -28.5417

Details

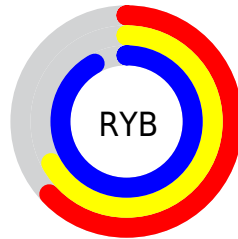
The Hex color **A0AFEA** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **EADBA0**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **D8E6FF**, and **6A7BB2** is the 20% darker color. If you saturate the color by 10%, you get **899CEA**, and if you desaturate by 10%, it is **B7C2EA**.

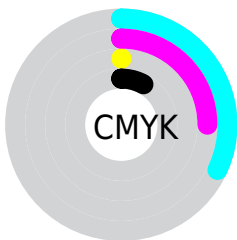
Distribution



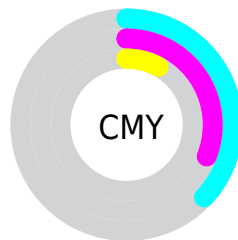
- Red (63%)
- Green (69%)
- Blue (92%)



- Red (63%)
- Yellow (67%)
- Blue (92%)



- Cyan (32%)
- Magenta (25%)
- Yellow (0%)
- Black (8%)



- Cyan (37%)
- Magenta (31%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color A0AFEA 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 A0AFEA by changing the saturation by 10% instead.

 A0AFE8

 A0AFE8

FFFFFF

 8594CE

 D8E6FF

 6A7BB2

 F5FFFF

 506297

 364A7D

 1A3464

 001F4C

 000635

 00021F

 000002

 A0AFE8

 A0AFE8

 899CE8

 B7C2E8

 718AE8

 CFD4E8

 5A77E8

 E6E7E8

 4264E8

 FEFAE8

 2B52E8

 FFFFE8

 143FE8

 002FE8

Harmonies

Analogous

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



74B8EA



A0AFEA



C7A5DB

Triad

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



A0AFE4



E6A189



73C0A1

Complementary

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



A0AFEA



EADBA0

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.



96BC87



A0AFE4



D3AA79

Square

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



A0AFE4



EC9BA3



B7B478



56C1BF

Rectangle

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



A0AFE4



DB9FCB



B7B478



7FBF97

Sweetspot

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



A0AFE4



E8EDFF



A0EADA



717480



000000



808080

Same Dimension

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



A0AFEA



9EB2FF



B5A0EA



6A6C75



0025B5



000B36

Inverse Universe

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



EAA0AF



FF9EB2



D5EAA0



756A6C



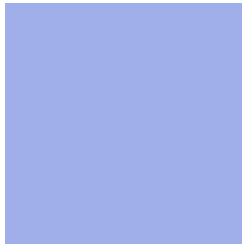
B50025



36000B

Previews

White Background



This preview shows how the Hex color A0AFEA looks on a white background.

Color Contrast Check

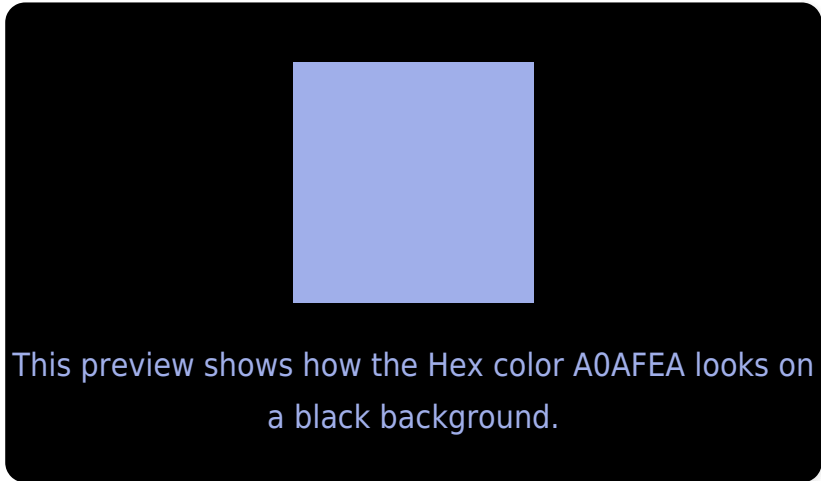
Large Text (above 18pt) WCAG AA × Fail

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 A0AFE8 Background



This preview shows how black text looks on a background with the Hex color A0AFE8.



This preview shows how white text looks on a background with the Hex color A0AFE8.

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
A0AFE4

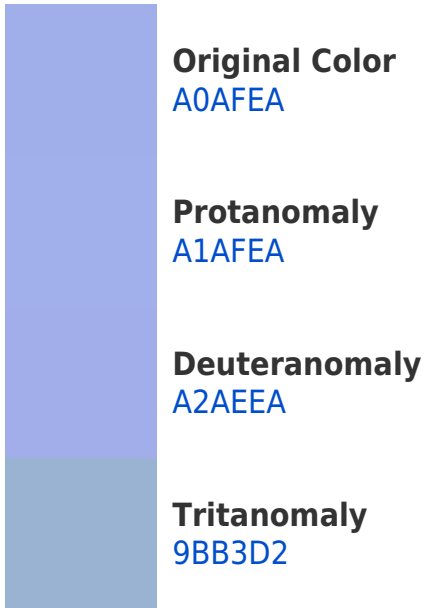
Protanopia
A1AFE4

Deuteranopia
A3AEE4

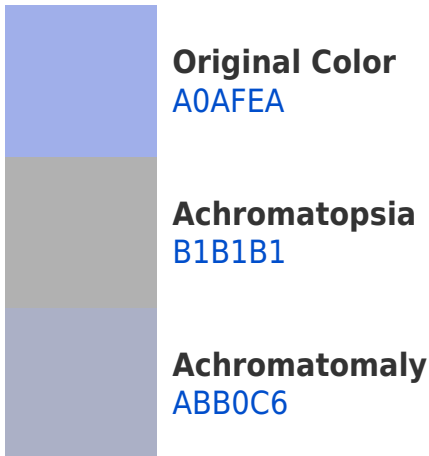


Tritanopia
98B6C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A0AFE8 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 #A0AFE8 looks like.

```
.text, #text, p{  
    color:#A0AFE8  
}
```

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 #A0AFEA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A0AFEA
}
```

Border

The CSS property to change the border of an element to Hex A0AFEA 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
#A0AFEA }
```

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

```
.border{ border-color:#A0AFEA }
```

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

Here you see how a box with a 4 pixel #A0AFEA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A0AFEA; -webkit-box-shadow:4px 4px  
4px 4px #A0AFEA; box-shadow:4px 4px 4px  
4px #A0AFEA }
```

Background

The CSS property to change the background color of an element to Hex A0AFE8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A0AFE8 }
```

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

```
.background{ background-color:#A0AFE8 }
```

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