

# Converting Colors

Hex(A0AEF8)

Have a look what the booklet for  
Hex(A0AEF8) contains.

<b>Hex(A0AEF8)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(A0AEF8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A0AEF8
RGB	160, 174, 248
RGB Percent	63%, 68%, 97%
CMY	0.3725, 0.3176, 0.0275
CMYK	0.35, 0.30, 0.00, 0.03
HSL	230°, 86%, 80%
HSV	230°, 35%, 97%
XYZ	46.5765, 44.5230, 94.9459
YIQ	178.2500, -32.0980, 20.0460

# Conversions

## Conversions Part 2

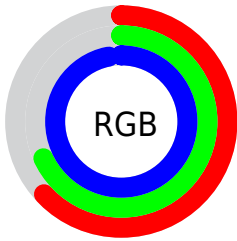
Format	Color
R <sub>Y</sub> B	160, 172, 248
Decimal	10530552
CIE Lab	72.58, 12.40, -38.36
CIE LCh	73, 40.311, 287.916
Yxy	44.5230, 0.2504, 0.2393
Android (android.graphics.Color)	4288720632 (0xFFA0AEF8)
YUV	178.2500, 34.3868, -16.0052
Hunter-Lab	66.7256, 7.8289, -37.6577

# Details

The Hex color **A0AEF8** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **F8EAA0**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **D9E5FF**, and **697ABF** is the 20% darker color. If you saturate the color by 10%, you get **8799F8**, and if you desaturate by 10%, it is **B9C3F8**.

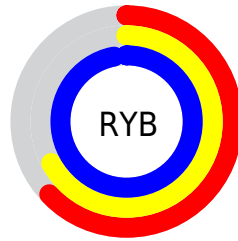
# Distribution



Red (63%)

Green (68%)

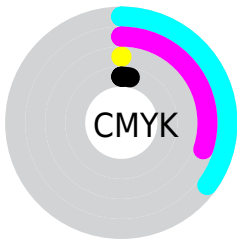
Blue (97%)



Red (63%)

Yellow (67%)

Blue (97%)

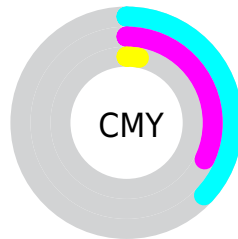


Cyan (35%)

Magenta (30%)

Yellow (0%)

Black (3%)



Cyan (37%)

Magenta (32%)

Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A0AEF8 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 A0AEF8 by changing the saturation by 10% instead.



 A0AEF8

 A0AEF8

FFFFFF

 8493DB


 D9E5FF

 697ABF

 F6FFFF

 4E61A4

 324A89

 113370

 001F57

 00063F

 000328

 000112

 A0AEF8

 A0AEF8

 8799F8

 B9C3F8

 6E84F8

 D2D8F8

 566FF8

 EAEDF8

 3D5BF8

 FFFFF8

 2446F8

 0B31F8

 0027F8

# Harmonies

## Analogous

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



60BAF9



A0AEF8



D2A0E4

# Triad

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



A0AEF8



F09E7D



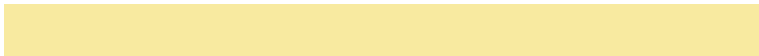
59C5A1

# Complementary

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



A0AEF8



F8EAA0

# 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.



8AC07F



A0AEF8



D7AB6A

# Square

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



A0AEF8



FA969D



B4B76B



16C6C7

# Rectangle

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



A0AEF8



E899CF



B4B76B



6BC395



# Sweetspot

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



A0AEF8



E3E7FF



A0F8E9



6F7280



000000



808080



# Same Dimension

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



A0AEF8



91A3FF



BDA0F8



70727D



001EBD



000A3D



# Inverse Universe

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



F8A0AE



FF91A3



DBF8A0



7D7072



BD001E

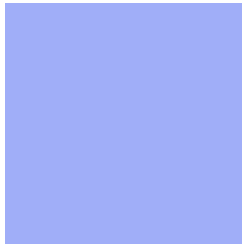


3D000A



# Previews

## White Background



This preview shows how the Hex color A0AEF8 looks on a white background.

## Color Contrast Check

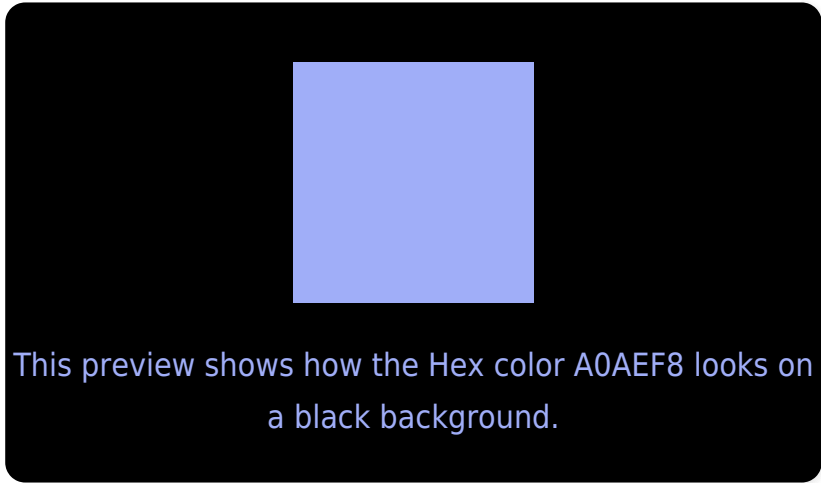
Large Text (above 18pt) WCAG AA × Fail

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

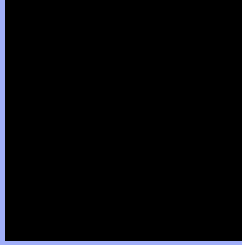
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex A0AEF8 Background



This preview shows how black text looks on a background with the Hex color A0AEF8.



This preview shows how white text looks on a background with the Hex color A0AEF8.

# 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**  
A0AEF8

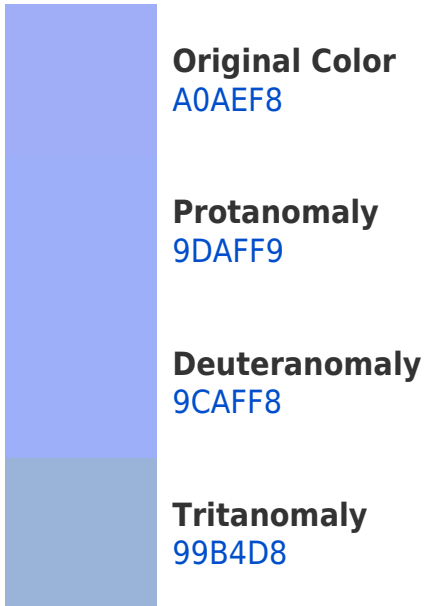
**Protanopia**  
9BAFF9

**Deuteranopia**  
9AB0F8

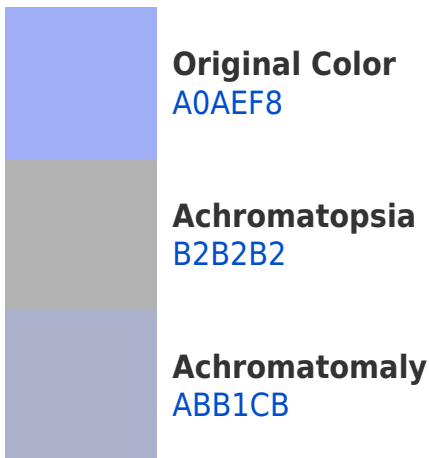


**Tritanopia**  
95B8C6

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A0AEF8 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 #A0AEF8 looks like.

```
.text, #text, p{  
    color:#A0AEF8  
}
```

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 #A0AEF8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A0AEF8  
}
```

## Border

The CSS property to change the border of an element to Hex A0AEF8 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  
#A0AEF8 }
```

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

```
.border{ border-color:#A0AEF8 }
```

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

Here you see how a box with a 4 pixel #A0AEF8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A0AEF8; -webkit-box-shadow:4px 4px  
4px 4px #A0AEF8; box-shadow:4px 4px 4px  
4px #A0AEF8 }
```

# Background

The CSS property to change the background color of an element to Hex A0AEF8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A0AEF8 }
```

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

```
.background{ background-color:#A0AEF8 }
```

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