

# Converting Colors

Hex(A2AFE9)

Have a look what the booklet for  
Hex(A2AFE9) contains.

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# **Color**

**Hex(A2AFE9)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A2AFE9
RGB	162, 175, 233
RGB Percent	64%, 69%, 91%
CMY	0.3647, 0.3137, 0.0863
CMYK	0.30, 0.25, 0.00, 0.09
HSL	229°, 62%, 77%
HSV	229°, 30%, 91%
XYZ	44.9382, 44.2245, 83.2585
YIQ	177.7250, -26.3660, 15.2820

# Conversions

## Conversions Part 2

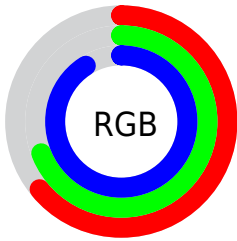
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	162, 173, 233
Decimal	10661865
CIE <sub>Lab</sub>	72.38, 8.58, -30.51
CIE <sub>LCh</sub>	72, 31.695, 285.703
Yxy	44.2245, 0.2606, 0.2565
Android (android.graphics.Color)	4288851945 (0xFFA2AFE9)
YUV	177.7250, 27.2506, -13.7908
Hunter-Lab	66.5015, 4.2433, -27.6788

# Details

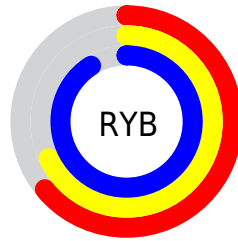
The Hex color **A2AFE9** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **E9DCA2**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **DAE6FF**, and **6C7BB1** is the 20% darker color. If you saturate the color by 10%, you get **8B9CE9**, and if you desaturate by 10%, it is **B9C2E9**.

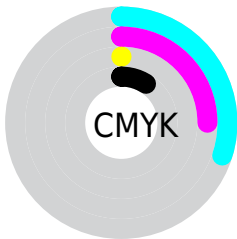
# Distribution



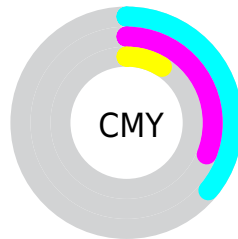
- Red (64%)
- Green (69%)
- Blue (91%)



- Red (64%)
- Yellow (68%)
- Blue (91%)



- Cyan (30%)
- Magenta (25%)
- Yellow (0%)
- Black (9%)



- Cyan (36%)
- Magenta (31%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A2AFE9 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 A2AFE9 by changing the saturation by 10% instead.



 A2AFE9

 A2AFE9

FFFFFF

 8794CD

 DAE6FF

 6C7BB1

 F7FFFF

 526296

 394A7C

 1E3463

 001F4B

 000634

 00021E

 000000

 A2AFE9

 A2AFE9

 8B9CE9

 B9C2E9

 7389E9

 D1D5E9

 5C76E9

 E8E8E9

 4563E9

 FFFBE9

 2D50E9

 FFFFE9

 163DE9

 002BE9

# Harmonies

## Analogous

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



77B8E9



A2AFE9



C8A5DA

# Triad

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



A2AFE9



E5A289



74C0A2

# Complementary

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



A2AFE9



E9DCA2

# 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.



96BC88



A2AFE9



D2AB7A

# Square

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



A2AFE9



EC9CA3



B6B579



58C1C0

# Rectangle

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



A2AFE9



DB9FCA



B6B579



7FBF99



# Sweetspot

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



A2AFE9



E8ECFF



A2E9DC



717480



000000



808080



# Same Dimension

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



A2AFE9



A1B2FF



B8A2E9



6A6C75



0021B5



000A36



# Inverse Universe

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



E9A2AF



FFA1B2



D3E9A2



756A6C



B50021

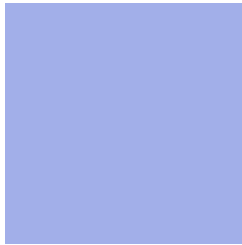


36000A



# Previews

## White Background



This preview shows how the Hex color A2AFE9 looks on a white background.

## Color Contrast Check

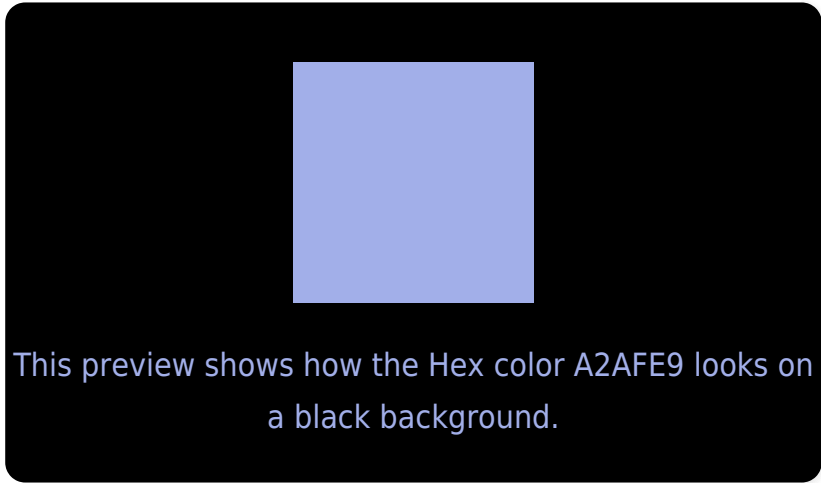
Large Text (above 18pt) WCAG AA × Fail

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 A2AFE9 Background



This preview shows how black text looks on a background with the Hex color A2AFE9.



This preview shows how white text looks on a background with the Hex color A2AFE9.

# 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**  
A2AFE9

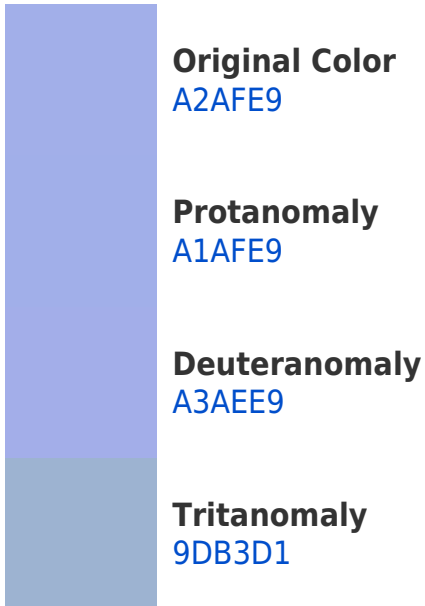
**Protanopia**  
A1AFE9

**Deuteranopia**  
A4AEE9

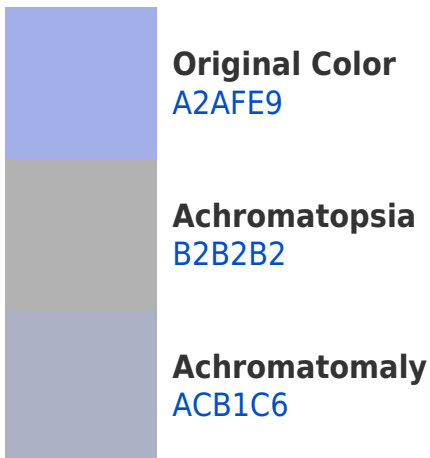


**Tritanopia**  
9AB6C4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A2AFE9 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 #A2AFE9 looks like.

```
.text, #text, p{  
    color:#A2AFE9  
}
```

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 #A2AFE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A2AFE9
}
```

## Border

The CSS property to change the border of an element to Hex A2AFE9 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
#A2AFE9 }
```

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

```
.border{ border-color:#A2AFE9 }
```

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

Here you see how a box with a 4 pixel #A2AFE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A2AFE9; -webkit-box-shadow:4px 4px  
4px 4px #A2AFE9; box-shadow:4px 4px 4px  
4px #A2AFE9 }
```

# Background

The CSS property to change the background color of an element to Hex A2AFE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A2AFE9 }
```

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

```
.background{ background-color:#A2AFE9 }
```

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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