

# Converting Colors

Hex(AE90FE)

Have a look what the booklet for  
Hex(AE90FE) contains.

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# Color

**Hex(AE90FE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AE90FE
RGB	174, 144, 254
RGB Percent	68%, 56%, 100%
CMY	0.3176, 0.4353, 0.0039
CMYK	0.31, 0.43, 0.00, 0.00
HSL	256°, 98%, 78%
HSV	256°, 43%, 100%
XYZ	45.3182, 36.1009, 98.3456
YIQ	165.5100, -17.4300, 40.5700

# Conversions

## Conversions Part 2

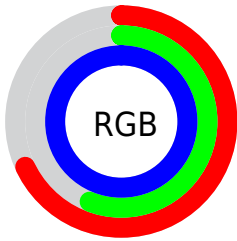
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">174, 144, 254</a>
Decimal	<a href="#">11440382</a>
CIELab	<a href="#">66.60, 34.59, -50.92</a>
CIElCh	<a href="#">67, 61.559, 304.191</a>
Yxy	<a href="#">36.1009, 0.2521, 0.2008</a>
Android (android.graphics.Color)	<a href="#">4289630462</a> (0xFFAE90FE)
YUV	<a href="#">165.5100, 43.6256, 7.4457</a>
Hunter-Lab	<a href="#">60.0841, 29.4859, -54.9870</a>

# Details

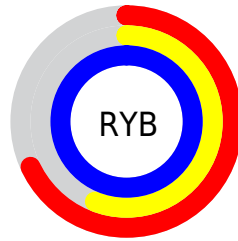
The Hex color **AE90FE** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **E0FE90**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **E8C6FF**, and **765DC5** is the 20% darker color. If you saturate the color by 10%, you get **9C77FE**, and if you desaturate by 10%, it is **C0A9FE**.

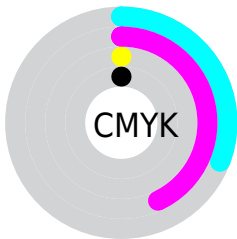
# Distribution



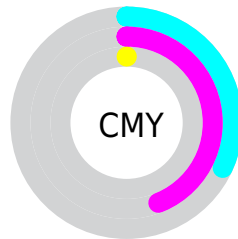
- Red (68%)
- Green (56%)
- Blue (100%)



- Red (68%)
- Yellow (56%)
- Blue (100%)



- Cyan (31%)
- Magenta (43%)
- Yellow (0%)
- Black (0%)



- Cyan (32%)
- Magenta (44%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AE90FE 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 AE90FE by changing the saturation by 10% instead.



 AE90FE

 AE90FE

FFFFFF

 9276E1

 E8C6FF

 765DC5

 FFE2FF

 5B45A9

 3F2E8E

 201874

 00035B

 000043

 00032B

 000116

 AE90FE

 AE90FE

 9C77FE

 C0A9FE

 895DFE

 D3C3FE

 7744FE

 E5DCFE

 642AFE

 F8F6FE

 5211FE

FFFFFFE

 4500FE

# Harmonies

## Analogous

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



2CA6FF



AE90FE



EB79D3

# Triad

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



AE90FE



E58D3C



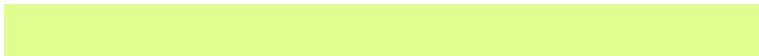
00BDA8

# Complementary

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



AE90FE



E0FE90

# 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.



19B96F



AE90FE



B8A228

# Square

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



AE90FE



FF7867



7FB040



00BBDF

# Rectangle

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



AE90FE



FF70AF



7FB040



00BC95



# Sweetspot

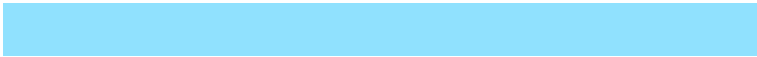
The Sweet Spot groups the original color and five complimentary colors.



AE90FE



E7DEFF



90E1FE



716B80



000000



808080



# Same Dimension

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



AE90FE



9F7AFF



E490FE



767380



3400BF



110040



# Inverse Universe

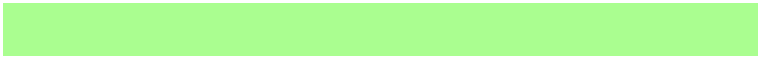
The Inverse Universe completely reimagines the original color for something new.



FE90E0



FF7ADB



AAFE90



80737C



BF008B

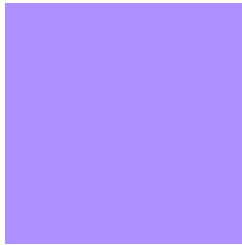


40002E



# Previews

## White Background



This preview shows how the Hex color AE90FE 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

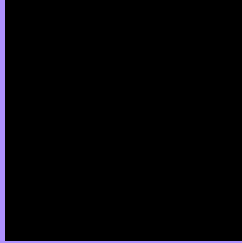
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AE90FE Background



This preview shows how black text looks on a background with the Hex color AE90FE.



This preview shows how white text looks on a background with the Hex color AE90FE.

# 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](#).

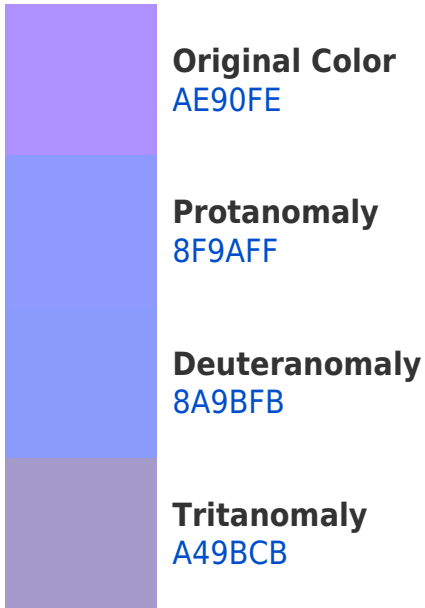
## Dichromacy



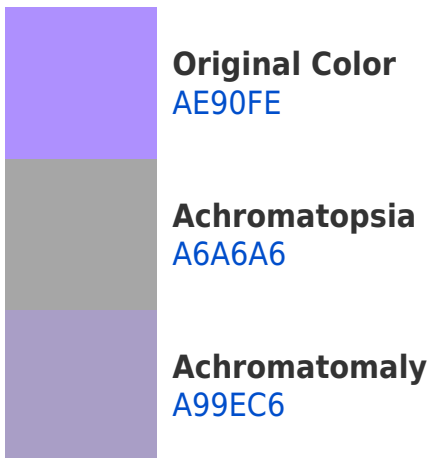


**Tritanopia**  
9EA2AE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AE90FE 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 #AE90FE looks like.

```
.text, #text, p{  
    color:#AE90FE  
}
```

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 #AE90FE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE90FE
}
```

## Border

The CSS property to change the border of an element to Hex AE90FE is called "border". The border property can be set on classes, ids or directly on the HTML element.

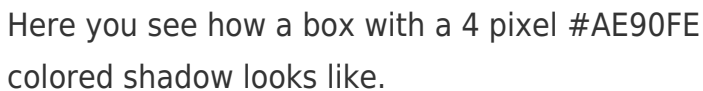
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AE90FE }
```

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

```
.border{ border-color:#AE90FE }
```

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



Here you see how a box with a 4 pixel #AE90FE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE90FE; -webkit-box-shadow:4px 4px  
4px 4px #AE90FE; box-shadow:4px 4px 4px  
4px #AE90FE }
```

# Background

The CSS property to change the background color of an element to Hex AE90FE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE90FE }
```

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

```
.background{ background-color:#AE90FE }
```

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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