

# Converting Colors

Hex(AE94F6)

Have a look what the booklet for  
Hex(AE94F6) contains.

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# **Color**

**Hex(AE94F6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AE94F6
RGB	174, 148, 246
RGB Percent	68%, 58%, 96%
CMY	0.3176, 0.4196, 0.0353
CMYK	0.29, 0.40, 0.00, 0.04
HSL	256°, 84%, 77%
HSV	256°, 40%, 96%
XYZ	44.6800, 36.8323, 91.9432
YIQ	166.9460, -15.9620, 35.9900

# Conversions

## Conversions Part 2

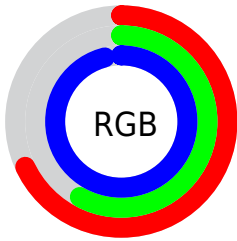
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">174, 148, 246</a>
Decimal	<a href="#">11441398</a>
CIELab	<a href="#">67.15, 30.36, -45.67</a>
CIELCh	<a href="#">67, 54.846, 303.614</a>
Yxy	<a href="#">36.8323, 0.2576, 0.2123</a>
Android (android.graphics.Color)	<a href="#">4289631478 (0xFFAE94F6)</a>
YUV	<a href="#">166.9460, 38.9736, 6.1864</a>
Hunter-Lab	<a href="#">60.6896, 25.2058, -47.3401</a>

# Details

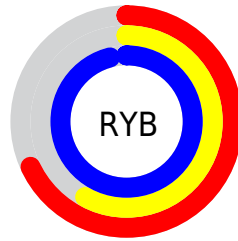
The Hex color **AE94F6** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **DCF694**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **E7CAFF**, and **7761BD** is the 20% darker color. If you saturate the color by 10%, you get **9C7BF6**, and if you desaturate by 10%, it is **C0ADF6**.

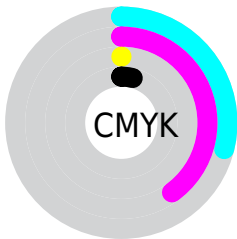
# Distribution



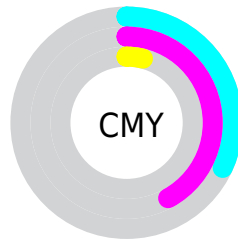
- Red (68%)
- Green (58%)
- Blue (96%)



- Red (68%)
- Yellow (58%)
- Blue (96%)



- Cyan (29%)
- Magenta (40%)
- Yellow (0%)
- Black (4%)



- Cyan (32%)
- Magenta (42%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AE94F6 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 AE94F6 by changing the saturation by 10% instead.



 AE94F6

 AE94F6

FFFFFF

 927AD9

 E7CAFF

 7761BD

 FFE7FF

 5C49A2

 413287

 251C6D

 000754

 00003D

 000226

 00010F

 AE94F6

 AE94F6

 9C7BF6

 C0ADF6

 8A63F6

 D2C5F6

 784AF6

 E4DEF6

 6632F6

 F6F6F6

 5419F6

 FFFFF6

 4200F6

 4100F6

# Harmonies

## Analogous

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



4DA7FF



AE94F6



E581D0

# Triad

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



AE94F6



E2914A



00BCA8

# Complementary

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



AE94F6



DCF694

# 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.



3EB976



AE94F6



BAA33B

# Square

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



AE94F6



FB7F6F



87B04D



00BBD9

# Rectangle

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



AE94F6



F879B0



87B04D



00BB97



# Sweetspot

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



AE94F6



E9E0FF



94DEF6



726E80



000000



808080



# Same Dimension

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



AE94F6



A585FF



DE94F6



716E7A



3100BA



10003B



# Inverse Universe

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



F694DC



FF85DF



ADF694



7A6E77



BA0089

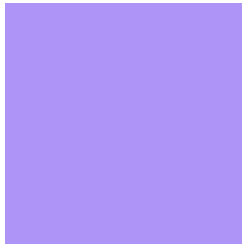


3B002B



# Previews

## White Background



This preview shows how the Hex color AE94F6 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

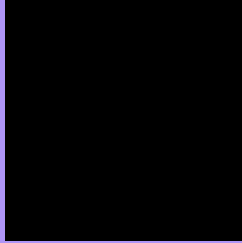
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AE94F6 Background



This preview shows how black text looks on a background with the Hex color AE94F6.

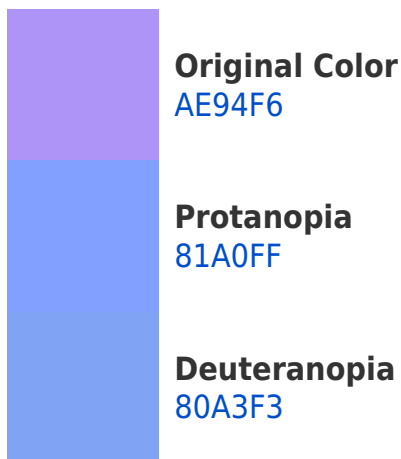


This preview shows how white text looks on a background with the Hex color AE94F6.

# 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](#).

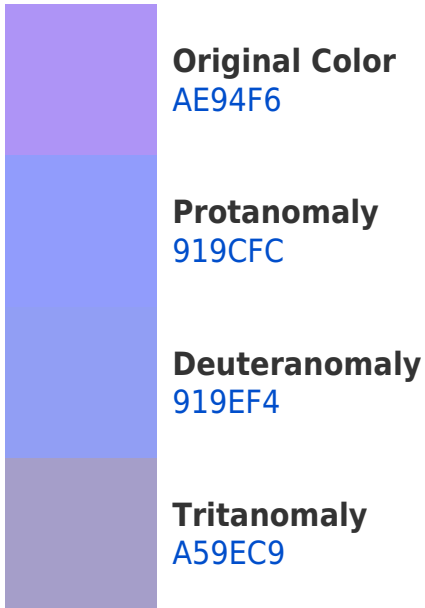
## Dichromacy



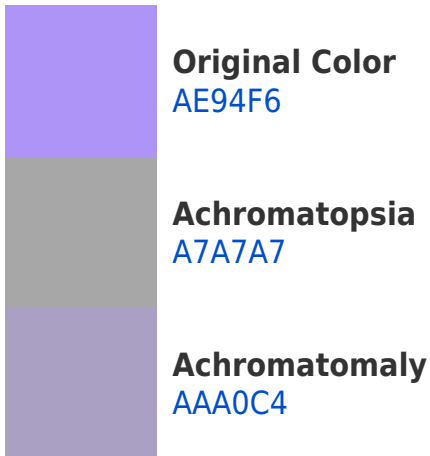


**Tritanopia**  
A0A3B0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AE94F6 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 #AE94F6 looks like.

```
.text, #text, p{  
    color:#AE94F6  
}
```

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 #AE94F6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AE94F6
}
```

## Border

The CSS property to change the border of an element to Hex AE94F6 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
#AE94F6 }
```

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

```
.border{ border-color:#AE94F6 }
```

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

Here you see how a box with a 4 pixel #AE94F6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AE94F6; -webkit-box-shadow:4px 4px  
4px 4px #AE94F6; box-shadow:4px 4px 4px  
4px #AE94F6 }
```

# Background

The CSS property to change the background color of an element to Hex AE94F6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AE94F6 }
```

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

```
.background{ background-color:#AE94F6 }
```

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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