

# Converting Colors

Hex(AF9EF4)

Have a look what the booklet for  
Hex(AF9EF4) contains.

<b>Hex(AF9EF4)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(AF9EF4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AF9EF4
RGB	175, 158, 244
RGB Percent	69%, 62%, 96%
CMY	0.3137, 0.3804, 0.0431
CMYK	0.28, 0.35, 0.00, 0.04
HSL	252°, 80%, 79%
HSV	252°, 35%, 96%
XYZ	46.2352, 40.0993, 90.8910
YIQ	172.8870, -17.4740, 30.3500

# Conversions

## Conversions Part 2

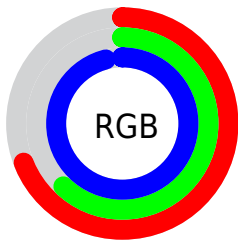
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	175, 158, 244
Decimal	11509492
CIE <sub>Lab</sub>	69.54, 24.52, -40.83
CIE <sub>LCh</sub>	70, 47.630, 300.989
Yxy	40.0993, 0.2609, 0.2263
Android (android.graphics.Color)	4289699572 (0xFFAF9EF4)
YUV	172.8870, 35.0587, 1.8531
Hunter-Lab	63.3240, 19.5123, -40.7740

# Details

The Hex color **AF9EF4** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **E3F49E**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **E8D5FF**, and **786BBB** is the 20% darker color. If you saturate the color by 10%, you get **9B86F4**, and if you desaturate by 10%, it is **C3B6F4**.

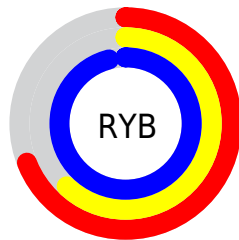
# Distribution



Red (69%)

Green (62%)

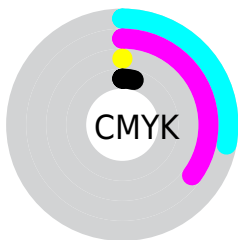
Blue (96%)



Red (69%)

Yellow (62%)

Blue (96%)

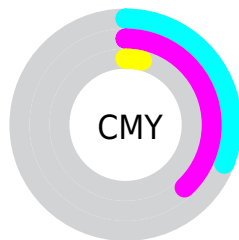


Cyan (28%)

Magenta (35%)

Yellow (0%)

Black (4%)



Cyan (31%)

Magenta (38%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AF9EF4 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 AF9EF4 by changing the saturation by 10% instead.



 AF9EF4

FFFFFF

 E8D5FF

 FFF1FF

 AF9EF4

 9384D7

 786BBB

 5E52A0

 433B86

 29256C

 071153

 00003C

 000225

 00010D

 AF9EF4

 AF9EF4

 9B86F4


 C3B6F4

 886DF4

 D6CFF4

 7455F4

 EAE7F4

 613CF4

 FDFFF4

 4D24F4

 FFFFF4

 3A0CF4

 3000F4

# Harmonies

## Analogous

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



62AEFF



AF9EF4



E18ED4

# Triad

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



AF9EF4



E5985F



00C0AA

# Complementary

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



AF9EF4



E3F49E

# 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.



5FBC7E



AF9EF4



C3A851

# Square

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



AF9EF4



F98B80



96B45D



00BFD5

# Rectangle

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



AF9EF4



F487B9



96B45D



24BF9B



# Sweetspot

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



AF9EF4



E8E3FF



9EE4F4



726F80



000000



808080



# Same Dimension

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



AF9EF4



A994FF



D99EF4



716E7A



2500BA



0C003B



# Inverse Universe

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



F49EE3



FF94EA



B9F49E



7A6E78



BA0095

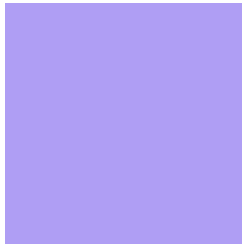


3B002F



# Previews

## White Background



This preview shows how the Hex color AF9EF4 looks on a white background.

## Color Contrast Check

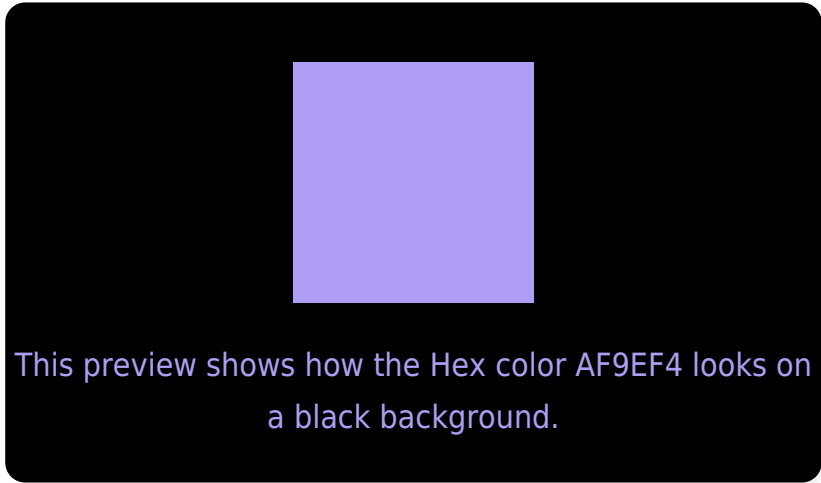
Large Text (above 18pt) WCAG AA × Fail

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

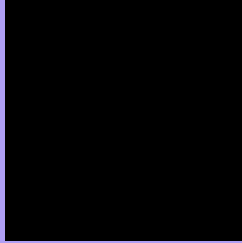
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AF9EF4 Background



This preview shows how black text looks on a background with the Hex color AF9EF4.

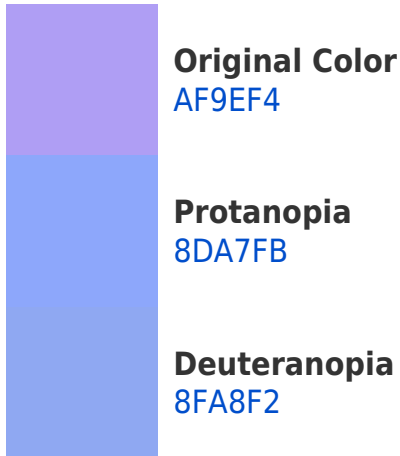


This preview shows how white text looks on a background with the Hex color AF9EF4.

# 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](#).

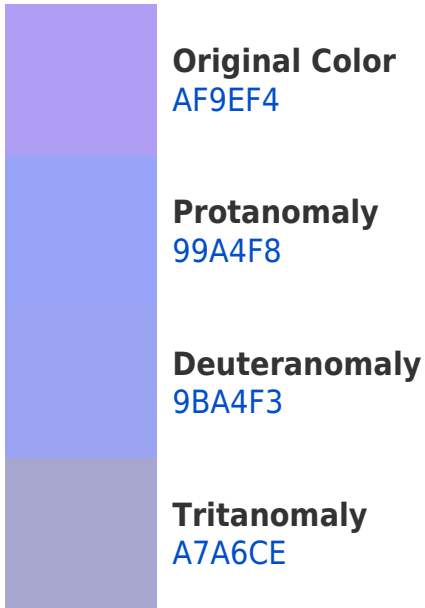
## Dichromacy



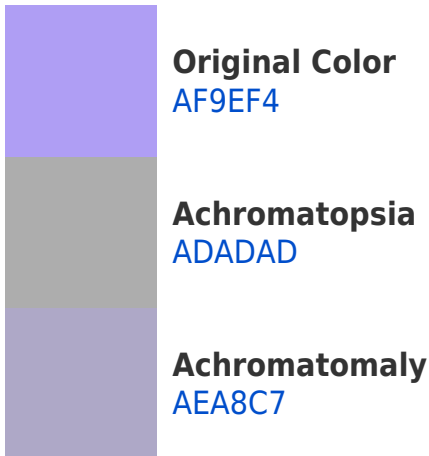


**Tritanopia**  
A3AAB8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AF9EF4 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 #AF9EF4 looks like.

```
.text, #text, p{  
    color:#AF9EF4  
}
```

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 #AF9EF4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF9EF4  
}
```

## Border

The CSS property to change the border of an element to Hex AF9EF4 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  
#AF9EF4 }
```

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

```
.border{ border-color:#AF9EF4 }
```

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

Here you see how a box with a 4 pixel #AF9EF4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF9EF4; -webkit-box-shadow:4px 4px  
4px 4px #AF9EF4; box-shadow:4px 4px 4px  
4px #AF9EF4 }
```

# Background

The CSS property to change the background color of an element to Hex AF9EF4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF9EF4 }
```

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

```
.background{ background-color:#AF9EF4 }
```

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