

# Converting Colors

Hex(AF9FF4)

Have a look what the booklet for  
Hex(AF9FF4) contains.

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# **Color**

**Hex(AF9FF4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	AF9FF4
RGB	175, 159, 244
RGB Percent	69%, 62%, 96%
CMY	0.3137, 0.3765, 0.0431
CMYK	0.28, 0.35, 0.00, 0.04
HSL	251°, 79%, 79%
HSV	251°, 35%, 96%
XYZ	46.4065, 40.4419, 90.9481
YIQ	173.4740, -17.7490, 29.8270

# Conversions

## Conversions Part 2

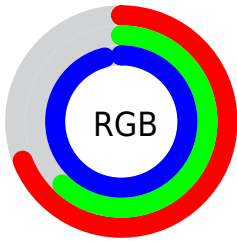
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">175, 159, 244</a>
Decimal	<a href="#">11509748</a>
CIELab	<a href="#">69.78, 23.96, -40.45</a>
CIElCh	<a href="#">70, 47.016, 300.640</a>
Yxy	<a href="#">40.4419, 0.2610, 0.2275</a>
Android (android.graphics.Color)	<a href="#">4289699828 (0xFFAF9FF4)</a>
YUV	<a href="#">173.4740, 34.7693, 1.3383</a>
Hunter-Lab	<a href="#">63.5939, 18.9676, -40.2771</a>

# Details

The Hex color **AF9FF4** is a light color, and the websafe version is hex **9999FF**. A complement of this color would be **E4F49F**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **E8D6FF**, and **786BBB** is the 20% darker color. If you saturate the color by 10%, you get **9B87F4**, and if you desaturate by 10%, it is **C3B7F4**.

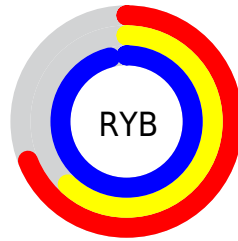
# Distribution



Red (69%)

Green (62%)

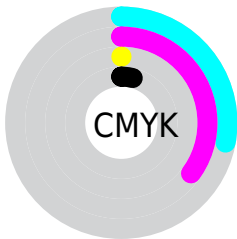
Blue (96%)



Red (69%)

Yellow (62%)

Blue (96%)

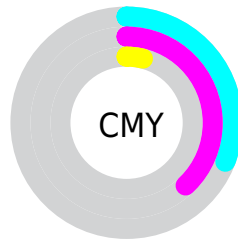


Cyan (28%)

Magenta (35%)

Yellow (0%)

Black (4%)



Cyan (31%)

Magenta (38%)

Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AF9FF4 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 AF9FF4 by changing the saturation by 10% instead.



 AF9FF4

 AF9FF4

FFFFFF

 9385D7

 E8D6FF

 786BBB

 FFF2FF

 5E53A0

 443C86

 29266C

 081253

 00003C

 000225

 00010D

 AF9FF4

 AF9FF4

 9B87F4

 C3B7F4

 876EF4

 D7D0F4

 7456F4

 EAE8F4

 603DF4

 FEFFF4

 4C25F4

 FFFFF4

 380DF4

 2E00F4

# Harmonies

## Analogous

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



64AFFF



AF9FF4



E08FD5

# Triad

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



AF9FF4



E69961



00C0AA

# Complementary

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



AF9FF4



E4F49F

# 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.



62BD7F



AF9FF4



C4A853

# Square

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



AF9FF4



F98C81



98B55F



00C0D5

# Rectangle

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



AF9FF4



F389BA



98B55F



2BC09B



# Sweetspot

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



AF9FF4



EAE6FF



9FE4F4



737080



000000



808080



# Same Dimension

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



AF9FF4



A894FF



D99FF4



706E7A



2300BA



0B003B



# Inverse Universe

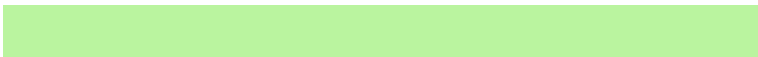
The Inverse Universe completely reimagines the original color for something new.



F49FE4



FF94EB



BAF49F



7A6E78



BA0097

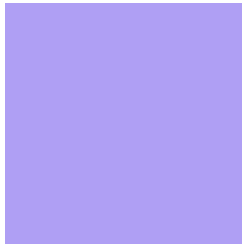


3B0030



# Previews

## White Background



This preview shows how the Hex color AF9FF4 looks on a white background.

## Color Contrast Check

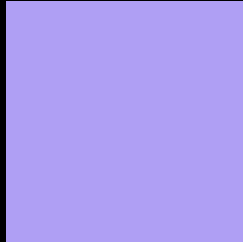
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color AF9FF4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

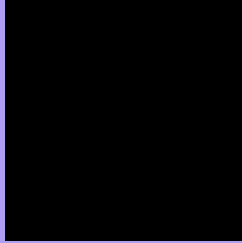
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AF9FF4 Background



This preview shows how black text looks on a background with the Hex color AF9FF4.

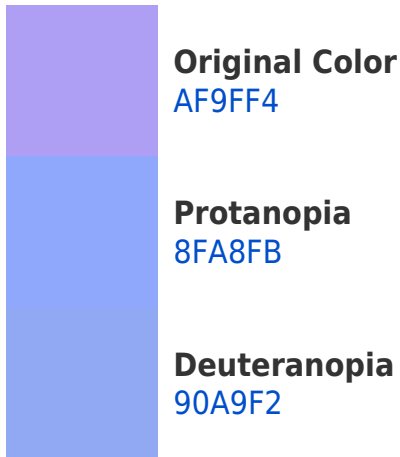


This preview shows how white text looks on a background with the Hex color AF9FF4.

# 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](#).

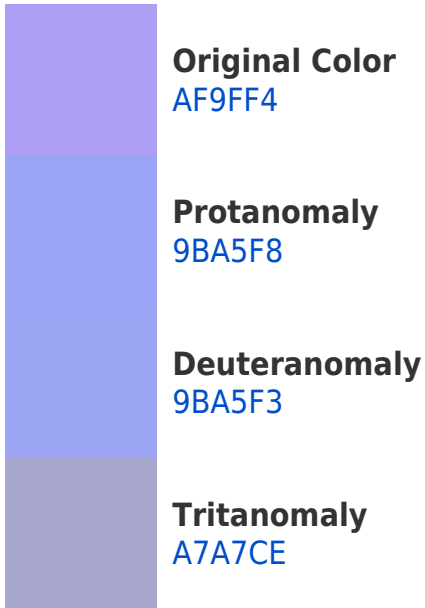
## Dichromacy



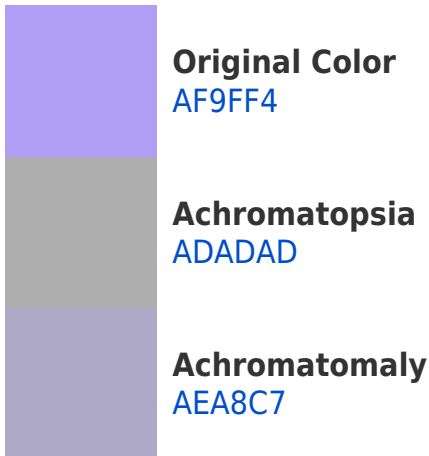


**Tritanopia**  
A3ABB9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AF9FF4 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 #AF9FF4 looks like.

```
.text, #text, p{  
    color:#AF9FF4  
}
```

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 #AF9FF4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF9FF4
}
```

## Border

The CSS property to change the border of an element to Hex AF9FF4 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
#AF9FF4 }
```

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

```
.border{ border-color:#AF9FF4 }
```

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

Here you see how a box with a 4 pixel #AF9FF4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF9FF4; -webkit-box-shadow:4px 4px  
4px 4px #AF9FF4; box-shadow:4px 4px 4px  
4px #AF9FF4 }
```

# Background

The CSS property to change the background color of an element to Hex AF9FF4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF9FF4 }
```

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

```
.background{ background-color:#AF9FF4 }
```

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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