

# Converting Colors

Hex(AA7DFF)

Have a look what the booklet for  
Hex(AA7DFF) contains.

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# Color

Hex(AA7DFF)

# Conversions

## Conversions Part 1

Format	Color
Hex	AA7DFF
RGB	170, 125, 255
RGB Percent	67%, 49%, 100%
CMY	0.3333, 0.5098, 0.0000
CMYK	0.33, 0.51, 0.00, 0.00
HSL	261°, 100%, 75%
HSV	261°, 51%, 100%
XYZ	41.9612, 30.4333, 98.2704
YIQ	153.2750, -14.9100, 49.9700

# Conversions

## Conversions Part 2

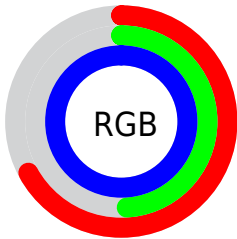
<b>Format</b>	<b>Color</b>
<b>RYB</b>	170, 125, 255
Decimal	11173375
CIELab	62.03, 44.40, -58.75
CIELCh	62, 73.641, 307.080
Yxy	30.4333, 0.2459, 0.1783
Android (android.graphics.Color)	4289363455 (0xFFAA7DFF)
YUV	153.2750, 50.1504, 14.6678
Hunter-Lab	55.1664, 39.2313, -66.9995

# Details

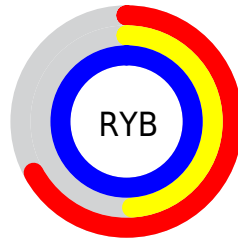
The Hex color **AA7DFF** is a light color, and the websafe version is hex **9966FF**. A complement of this color would be **D2FF7D**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **E4B3FF**, and **714AC5** is the 20% darker color. If you saturate the color by 10%, you get **9964FF**, and if you desaturate by 10%, it is **BB97FF**.

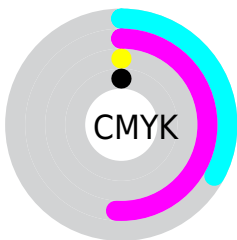
# Distribution



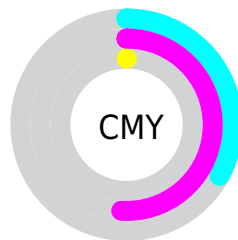
- Red (67%)
- Green (49%)
- Blue (100%)



- Red (67%)
- Yellow (49%)
- Blue (100%)



- Cyan (33%)
- Magenta (51%)
- Yellow (0%)
- Black (0%)



- Cyan (33%)
- Magenta (51%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the Hex color AA7DFF 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 AA7DFF by changing the saturation by 10% instead.



 AA7DFF

 AA7DFF

FFFFFF

 8D63E2

 E4B3FF

 714AC5

 FFCEFF

 5532AA

 FFE8FF

 371A8F

 120174

 00005B

 000042

 00032B

 000116

AA7DFF

AA7DFF

9964FF

BB97FF

894AFF

CBB0FF

7831FF

DCCAFF

6717FF

EDE3FF

5800FF

FDFDFF

FFFFFF

# Harmonies

## Analogous

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



0099FF



AA7DFF



EF5DCA

# Triad

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



AA7DFF



DB8004



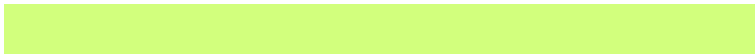
00B3A4

# Complementary

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



AA7DFF



D2FF7D

# 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.



00B060



AA7DFF



A69800

# Square

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



AA7DFE



FF614A



5FA81B



00B2E3

# Rectangle

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



AA7DFE



FF4F9F



5FA81B



00B38D



# Sweetspot

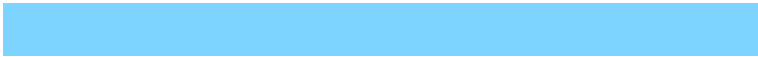
The Sweet Spot groups the original color and five complimentary colors.



AA7DFF



E6D9FF



7DD4FF



706980



000000



808080



# Same Dimension

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



AA7DFF



9963FF



E97DFF



777380



4200BF



160040



# Inverse Universe

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



FF7DD2



FF63C9



93FF7D



80737B



BF007D

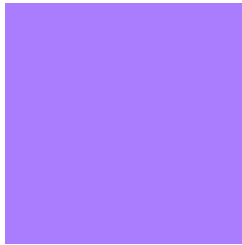


40002A



# Previews

## White Background



This preview shows how the Hex color AA7DFF 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

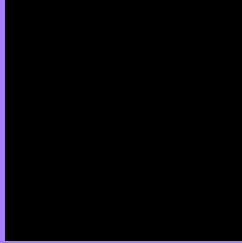
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex AA7DFF Background



This preview shows how black text looks on a background with the Hex color AA7DFF.



This preview shows how white text looks on a background with the Hex color AA7DFF.

# 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](#).

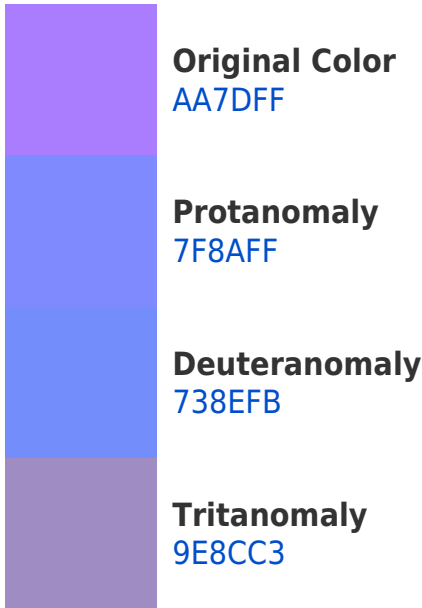
## Dichromacy



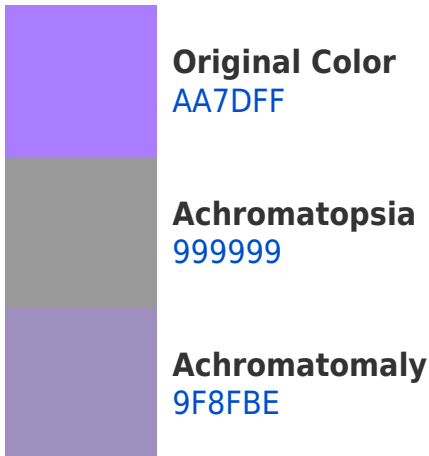


**Tritanopia**  
9794A0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex AA7DFF 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 #AA7DFF looks like.

```
.text, #text, p{  
    color:#AA7DFF  
}
```

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 #AA7DFF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA7DFF
}
```

## Border

The CSS property to change the border of an element to Hex AA7DFF 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
#AA7DFF }
```

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

```
.border{ border-color:#AA7DFF }
```

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

Here you see how a box with a 4 pixel #AA7DFF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA7DFF; -webkit-box-shadow:4px 4px  
4px 4px #AA7DFF; box-shadow:4px 4px 4px  
4px #AA7DFF }
```

# Background

The CSS property to change the background color of an element to Hex AA7DFF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA7DFF }
```

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

```
.background{ background-color:#AA7DFF }
```

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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