

Converting Colors

Hex(AA7EF6)

Have a look what the booklet for
Hex(AA7EF6) contains.

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Color

Hex(AA7EF6)

Conversions

Conversions Part 1

Format	Color
Hex	AA7EF6
RGB	170, 126, 246
RGB Percent	67%, 49%, 96%
CMY	0.3333, 0.5059, 0.0353
CMYK	0.31, 0.49, 0.00, 0.04
HSL	262°, 87%, 73%
HSV	262°, 49%, 96%
XYZ	40.6730, 30.1216, 90.8591
YIQ	152.8360, -12.2960, 46.6480

Conversions

Conversions Part 2

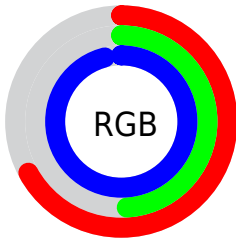
Format	Color
R _Y B	170, 126, 246
Decimal	11173622
CIE Lab	61.76, 41.62, -54.23
CIE LCh	62, 68.354, 307.505
Yxy	30.1216, 0.2516, 0.1863
Android (android.graphics.Color)	4289363702 (0xFFAA7EF6)
YUV	152.8360, 45.9299, 15.0528
Hunter-Lab	54.8831, 36.2379, -59.7365

Details

The Hex color **AA7EF6** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **CAF67E**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **E4B4FF**, and **724CBD** is the 20% darker color. If you saturate the color by 10%, you get **9A65F6**, and if you desaturate by 10%, it is **BA97F6**.

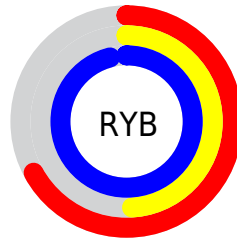
Distribution



Red (67%)

Green (49%)

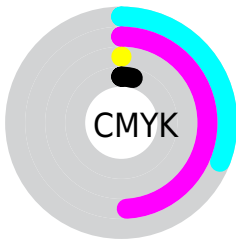
Blue (96%)



Red (67%)

Yellow (49%)

Blue (96%)

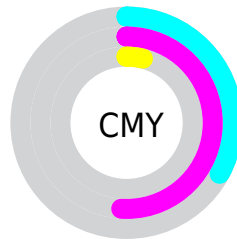


Cyan (31%)

Magenta (49%)

Yellow (0%)

Black (4%)



Cyan (33%)

Magenta (51%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA7EF6 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 AA7EF6 by changing the saturation by 10% instead.

■ AA7EF6

■ AA7EF6

FFFFFF

■ 8E64D9

■ E4B4FF

■ 724CBD

■ FFCFFF

■ 5633A1

■ FFECFF

■ 3A1C87

■ 1A036D

■ 000054

■ 00013C

■ 000225

■ 00010D

 AA7EF6

 AA7EF6

 9A65F6

 BA97F6

 8B4DF6

 C9AFF6

 7B34F6

 D9C8F6

 6C1CF6

 E8E0F6

 5C03F6

 F8F9F6

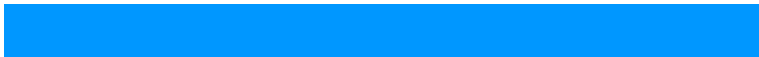
 5A00F6

 FFFFF6

Harmonies

Analogous

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



0097FF



AA7EF6



E962C5

Triad

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



AA7EF6



D68119



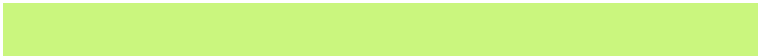
00B1A3

Complementary

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



AA7EF6



CAF67E

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.



00AE64



AA7EF6



A49700

Square

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



AA7EF6



F8674F



63A629



00B0DE

Rectangle

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



AA7EF6



FD579D



63A629



00B18E

Sweetspot

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



AA7EF6



E7D9FF



7ECAF6



716980



000000



808080

Same Dimension

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



AA7EF6



A069FF



E67EF6



736E7A



4400BA



16003B

Inverse Universe

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



F67ECA



FF69C8



8EF67E



7A6E76



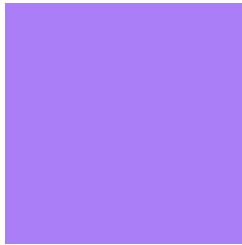
BA0076



3B0025

Previews

White Background



This preview shows how the Hex color AA7EF6 looks on a white background.

Color Contrast Check

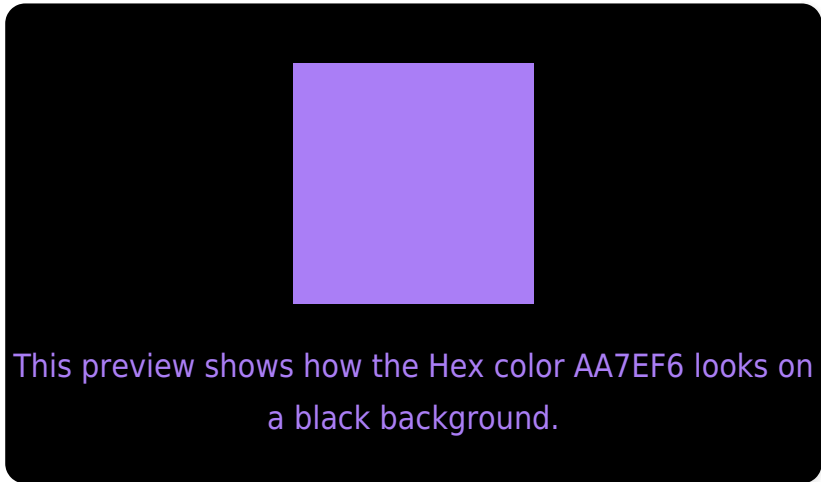
Large Text (above 18pt) WCAG AA × Fail

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

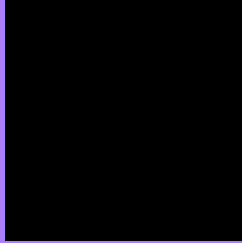
Any Text WCAG AA ✓ Pass

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 AA7EF6 Background



This preview shows how black text looks on a background with the Hex color AA7EF6.



This preview shows how white text looks on a background with the Hex color AA7EF6.

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](#).

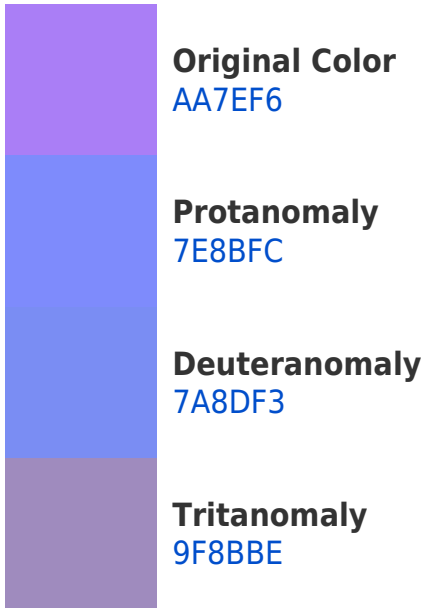
Dichromacy



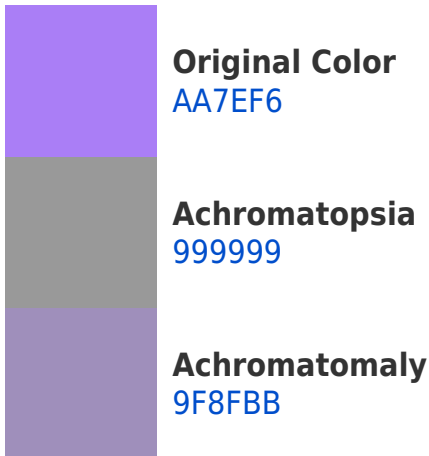


Tritanopia
99939E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AA7EF6 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 #AA7EF6 looks like.

```
.text, #text, p{  
    color:#AA7EF6  
}
```

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 #AA7EF6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA7EF6
}
```

Border

The CSS property to change the border of an element to Hex AA7EF6 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
#AA7EF6 }
```

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

```
.border{ border-color:#AA7EF6 }
```

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

Here you see how a box with a 4 pixel #AA7EF6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA7EF6; -webkit-box-shadow:4px 4px  
4px 4px #AA7EF6; box-shadow:4px 4px 4px  
4px #AA7EF6 }
```

Background

The CSS property to change the background color of an element to Hex AA7EF6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA7EF6 }
```

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

```
.background{ background-color:#AA7EF6 }
```

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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