

Converting Colors

Hex(AA7FAA)

Have a look what the booklet for
Hex(AA7FAA) contains.

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Color

Hex(AA7FAA)

Conversions

Conversions Part 1

Format	Color
Hex	AA7FAA
RGB	170, 127, 170
RGB Percent	67%, 50%, 67%
CMY	0.3333, 0.5020, 0.3333
CMYK	0.00, 0.25, 0.00, 0.33
HSL	300°, 20%, 58%
HSV	300°, 25%, 67%
XYZ	31.4226, 26.6271, 41.5136
YIQ	144.7590, 11.8250, 22.4890

Conversions

Conversions Part 2

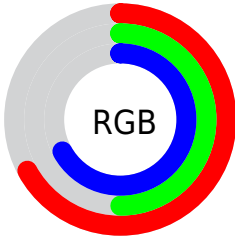
Format	Color
RYB	170, 127, 170
Decimal	11173802
CIELab	58.63, 24.06, -16.36
CIELCh	59, 29.093, 325.793
Yxy	26.6271, 0.3156, 0.2674
Android (android.graphics.Color)	4289363882 (0xFFAA7FAA)
YUV	144.7590, 12.4438, 22.1364
Hunter-Lab	51.6014, 18.3949, -11.5781

Details

The Hex color **AA7FAA** is a light color, and the websafe version is hex **996699**. A complement of this color would be **7FAA7F**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **E2B4E1**, and **754D76** is the 20% darker color. If you saturate the color by 10%, you get **AA6EAA**, and if you desaturate by 10%, it is **AA90AA**.

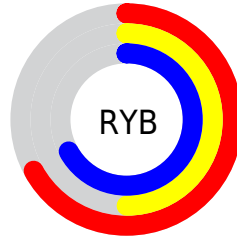
Distribution



Red (67%)

Green (50%)

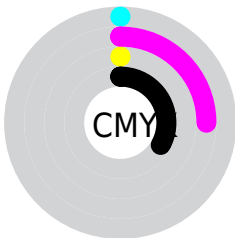
Blue (67%)



Red (67%)

Yellow (50%)

Blue (67%)

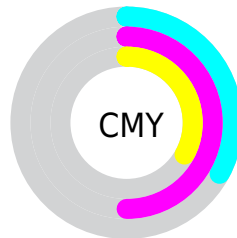


Cyan (0%)

Magenta (25%)

Yellow (0%)

Black (33%)



Cyan (33%)

Magenta (50%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA7FAA 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 AA7FAA by changing the saturation by 10% instead.

■ AA7FAA

■ AA7FAA

FFFFFF

■ 8F668F

■ E2B4E1

■ 754D76

■ FFD0FE

■ 5C365D

■ FFECFF

■ 441F45

■ 2D092F

■ 19001A

■ 000000

■ AA7FAA

■ AA7FAA

■ AA6EAA

■ AA90AA

■ AA5DAA

■ AAA1AA

■ AA4CAA

■ AAB2AA

■ AA3BAA

■ AAC3AA

■ AA2AAA

■ AAD4AA

■ AA19AA

■ AAE5AA

■ AA08AA

■ AAF6AA

■ AA00AA

■ AAFFAA

Harmonies

Analogous

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



8B88BB



AA7FAA



BC7A92

Triad

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



AA7FAA



A28A5A



349AA2

Complementary

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



AA7FAA



7FAA7F

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.



4B9B88



AA7FAA



88925E

Square

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



AA7FAA



B58264



6A9870



3F97B6

Rectangle

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



AA7FAA



C07A80



6A9870



3A9B9A

Sweetspot

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



AA7FAA



DECCDE



7F7FAA



706570



F0F0F0



707070

Same Dimension

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



AA7FAA



DE9BDE



AA7F94



544C54



940094



140014

Inverse Universe

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



AA7FAA



DE9BDE



7FAA94



544C54



940094



140014

Previews

White Background



This preview shows how the Hex color AA7FAA looks on a white background.

Color Contrast Check

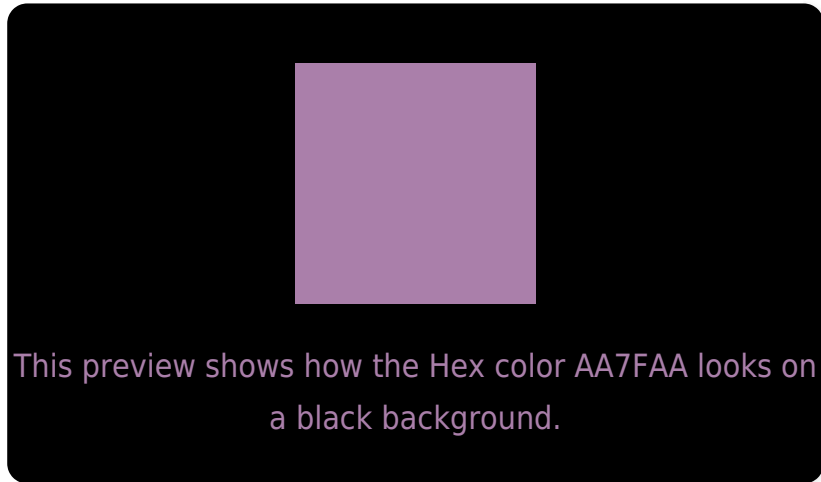
Large Text (above 18pt) WCAG AA ✓ Pass

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

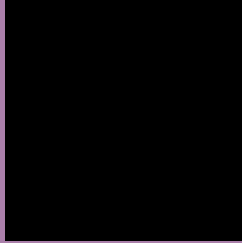
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex AA7FAA Background



This preview shows how black text looks on a background with the Hex color AA7FAA.

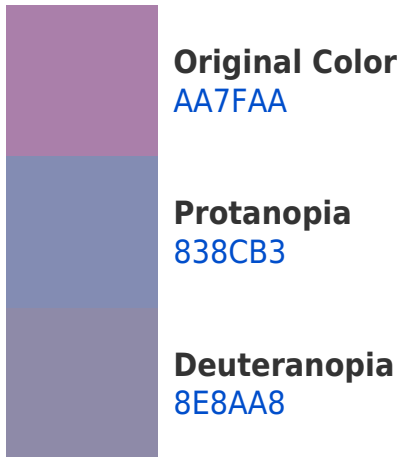


This preview shows how white text looks on a background with the Hex color AA7FAA.

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
A6848E

Trichromacy



Original Color
AA7FAA

Protanomaly
9187B0

Deuteranomaly
9886A9

Tritanomaly
A78298

Monochromacy



Original Color
AA7FAA

Achromatopsia
919191

Achromatomaly
9A8A9A

CSS Examples

Text

The CSS property to change the color of the text to Hex AA7FAA 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 #AA7FAA looks like.

```
.text, #text, p{  
    color:#AA7FAA  
}
```

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 #AA7FAA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA7FAA
}
```

Border

The CSS property to change the border of an element to Hex AA7FAA 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
#AA7FAA }
```

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

```
.border{ border-color:#AA7FAA }
```

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

Here you see how a box with a 4 pixel #AA7FAA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA7FAA; -webkit-box-shadow:4px 4px  
4px 4px #AA7FAA; box-shadow:4px 4px 4px  
4px #AA7FAA }
```

Background

The CSS property to change the background color of an element to Hex AA7FAA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA7FAA }
```

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

```
.background{ background-color:#AA7FAA }
```

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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