

Converting Colors

Hex(AA7FBF)

Have a look what the booklet for
Hex(AA7FBF) contains.

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Color

Hex(AA7FBF)

Conversions

Conversions Part 1

Format	Color
Hex	AA7FBF
RGB	170, 127, 191
RGB Percent	67%, 50%, 75%
CMY	0.3333, 0.5020, 0.2510
CMYK	0.11, 0.34, 0.00, 0.25
HSL	280°, 33%, 62%
HSV	280°, 34%, 75%
XYZ	33.5709, 27.4864, 52.8262
YIQ	147.1530, 5.0840, 29.0200

Conversions

Conversions Part 2

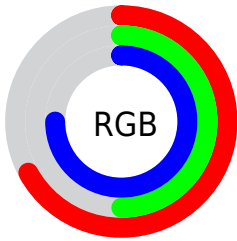
Format	Color
RYB	170, 127, 191
Decimal	11173823
CIELab	59.42, 28.34, -27.12
CIELCh	59, 39.225, 316.266
Yxy	27.4864, 0.2948, 0.2414
Android (android.graphics.Color)	4289363903 (0xFFAA7FBF)
YUV	147.1530, 21.6166, 20.0368
Hunter-Lab	52.4275, 22.5510, -23.0418

Details

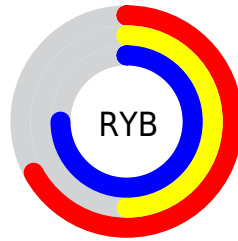
The Hex color **AA7FBF** is a light color, and the websafe version is hex **996699**. A complement of this color would be **94BF7F**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **E2B4F8**, and **754D89** is the 20% darker color. If you saturate the color by 10%, you get **A46CBF**, and if you desaturate by 10%, it is **B092BF**.

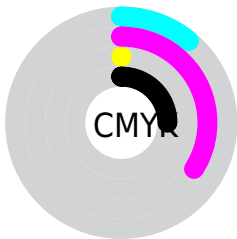
Distribution



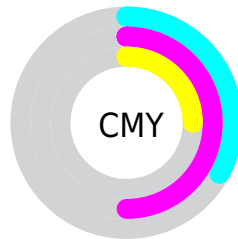
- Red (67%)
- Green (50%)
- Blue (75%)



- Red (67%)
- Yellow (50%)
- Blue (75%)



- Cyan (11%)
- Magenta (34%)
- Yellow (0%)
- Black (25%)



- Cyan (33%)
- Magenta (50%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA7FBF 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 AA7FBF by changing the saturation by 10% instead.

■ AA7FBF

■ AA7FBF

FFFFFF

■ 8F66A4

■ E2B4F8

■ 754D89

■ FFD0FF

■ 5B3670

■ FFECFF

■ 431F57

■ 2B083F

■ 190029

■ 000113

■ 000000

■ AA7FBF

■ AA7FBF

 A46CBF

 B092BF

 9D59BF

 B7A5BF

 9746BF

 BDB8BF

 9133BF

 C3CBBF

 8B20BF

 C9DFBF

 840CBF

 D0F2BF

 8000BF

 D6FFBF

 DCFFBF

 E2FFBF

Harmonies

Analogous

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



798CD1



AA7FBF



C875A0

Triad

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



AA7FBF



B2884C



00A1A1

Complementary

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



AA7FBF



94BF7F

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.



39A07E



AA7FBF



92934B

Square

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



AA7FBF



C97B5F



6B9B5E



009EC0

Rectangle

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



AA7FBF



D07389



6B9B5E



00A195

Sweetspot

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



AA7FBF



EFDFF7



7F94BF



786E7D



FCFCFC



7D7D7D

Same Dimension

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



AA7FBF



D794F7



BF7FB4



5B555E



6A009E



15001F

Inverse Universe

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



BF7F94



F794B5



7FBF8A



5E5558



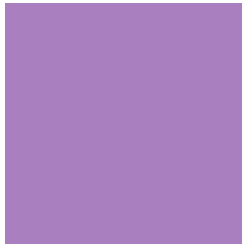
9E0034



1F000A

Previews

White Background



This preview shows how the Hex color AA7FBF looks on a white background.

Color Contrast Check

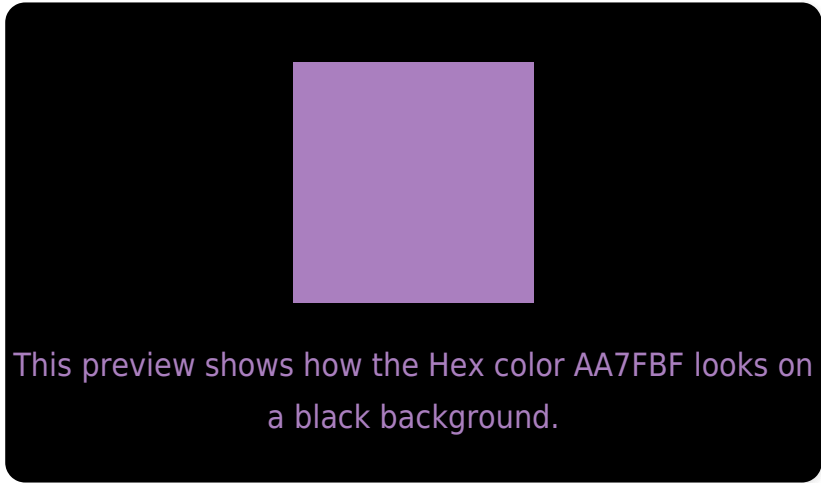
Large Text (above 18pt) WCAG AA ✓ Pass

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

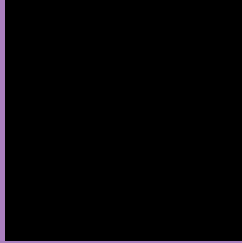
Any Text WCAG AA ✓ Pass

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 AA7FBF Background



This preview shows how black text looks on a background with the Hex color AA7FBF.

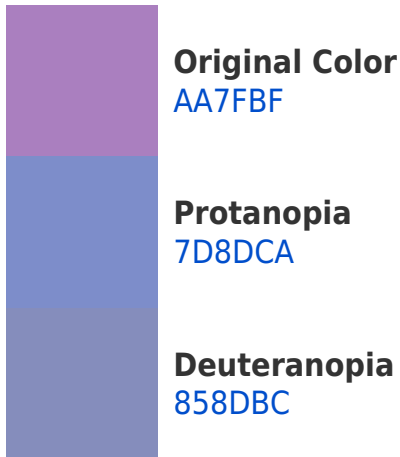


This preview shows how white text looks on a background with the Hex color AA7FBF.

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](#).

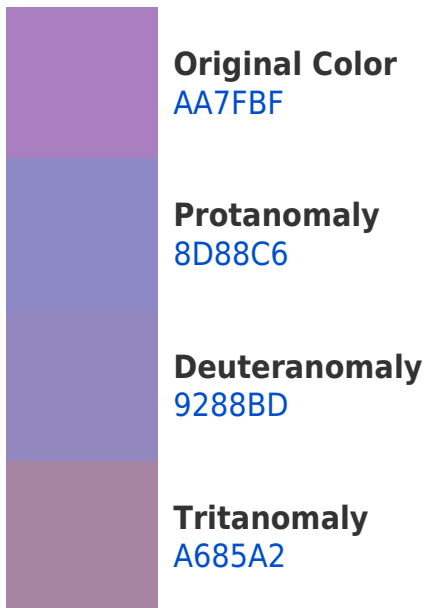
Dichromacy



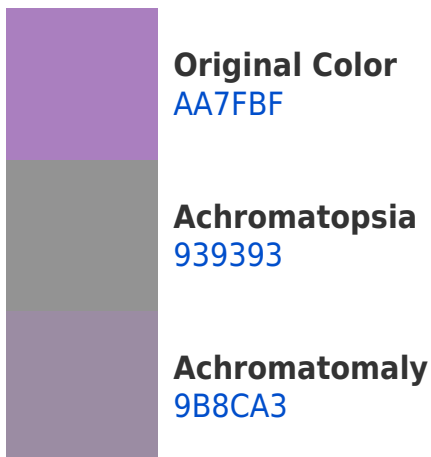


Tritanopia
A38892

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AA7FBF 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 #AA7FBF looks like.

```
.text, #text, p{  
    color:#AA7FBF  
}
```

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 #AA7FBF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA7FBF
}
```

Border

The CSS property to change the border of an element to Hex AA7FBF is called "border". The border property can be set on classes, ids or directly on the HTML element.

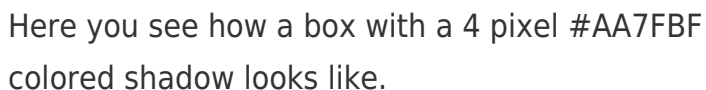
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AA7FBF }
```

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

```
.border{ border-color:#AA7FBF }
```

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



Here you see how a box with a 4 pixel #AA7FBF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA7FBF; -webkit-box-shadow:4px 4px  
4px 4px #AA7FBF; box-shadow:4px 4px 4px  
4px #AA7FBF }
```

Background

The CSS property to change the background color of an element to Hex AA7FBF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA7FBF }
```

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

```
.background{ background-color:#AA7FBF }
```

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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