

Converting Colors

Hex(AA70A7)

Have a look what the booklet for
Hex(AA70A7) contains.

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Color

Hex(AA70A7)

Conversions

Conversions Part 1

Format	Color
Hex	AA70A7
RGB	170, 112, 167
RGB Percent	67%, 44%, 65%
CMY	0.3333, 0.5608, 0.3451
CMYK	0.00, 0.34, 0.02, 0.33
HSL	303°, 25%, 55%
HSV	303°, 34%, 67%
XYZ	29.3468, 22.9244, 39.4373
YIQ	135.6120, 16.9130, 29.4010

Conversions

Conversions Part 2

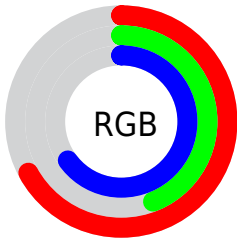
Format	Color
RYB	170, 112, 167
Decimal	11169959
CIELab	54.99, 31.93, -20.16
CIELCh	55, 37.765, 327.734
Yxy	22.9244, 0.3200, 0.2500
Android (android.graphics.Color)	4289360039 (0xFFAA70A7)
YUV	135.6120, 15.4743, 30.1583
Hunter-Lab	47.8794, 25.6191, -15.3204

Details

The Hex color **AA70A7** is a light color, and the websafe version is hex **996699**. A complement of this color would be **70AA73**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **E2A5DE**, and **753F73** is the 20% darker color. If you saturate the color by 10%, you get **AA5FA6**, and if you desaturate by 10%, it is **AA81A8**.

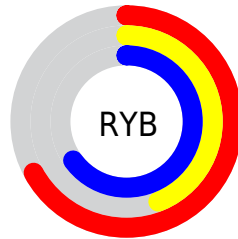
Distribution



Red (67%)

Green (44%)

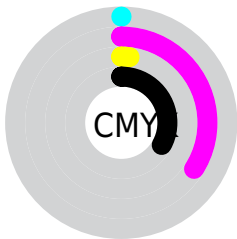
Blue (65%)



Red (67%)

Yellow (44%)

Blue (65%)

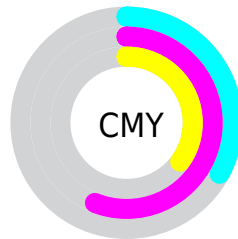


Cyan (0%)

Magenta (34%)

Yellow (2%)

Black (33%)



Cyan (33%)

Magenta (56%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA70A7 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 AA70A7 by changing the saturation by 10% instead.

■ AA70A7

■ AA70A7

FFFFFF

■ 8F578D

■ E2A5DE

■ 753F73

■ FFC0FB

■ 5B275A

■ FFDCFF

■ 430F43

■ FFF9FF

■ 2B002C

■ 0D0017

■ 000000

■ AA70A7

■ AA70A7

■ AA5FA6

■ AA81A8

■ AA4EA5

■ AA92A9

■ AA3DA4

■ AAA3AA

■ AA2CA3

■ AAB4AB

■ AA1BA3

■ AAC5AB

■ AA0AA2

■ AAD6AC

■ AA00A1

■ AAE7AD

■ AAF8AE

■ AAFFAF

Harmonies

Analogous

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



837CBE



AA70A7



BF6987

Triad

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



AA70A7



9A8141



0094A1

Complementary

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



AA70A7



70AA73

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.



0B9480



AA70A7



798B48

Square

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



AA70A7



B3754D



519160



0090BA

Rectangle

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



AA70A7



C26A71



519160



009596

Sweetspot

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



AA70A7



DEC8DD



7370AA



706370



F0F0F0



707070

Same Dimension

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



AA70A7



DE83D9



AA708A



544C54



94008C



140013

Inverse Universe

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



AA70A7



DE83D9



70AA90



544C54



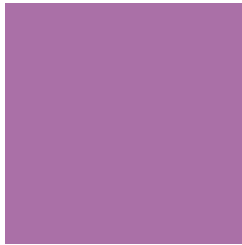
94008C



140013

Previews

White Background



This preview shows how the Hex color AA70A7 looks on a white background.

Color Contrast Check

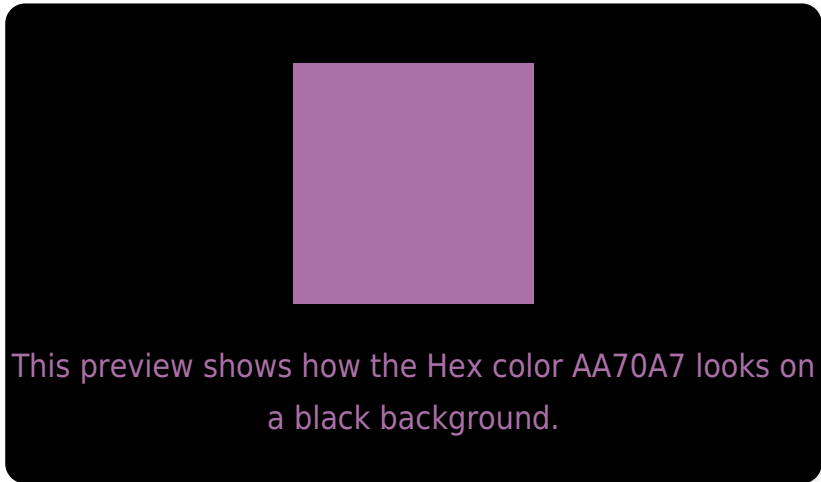
Large Text (above 18pt) WCAG AA ✓ Pass

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

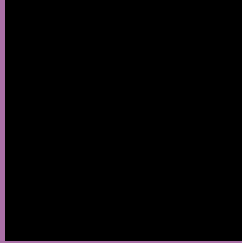
Any Text WCAG AA ✓ Pass

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 AA70A7 Background



This preview shows how black text looks on a background with the Hex color AA70A7.

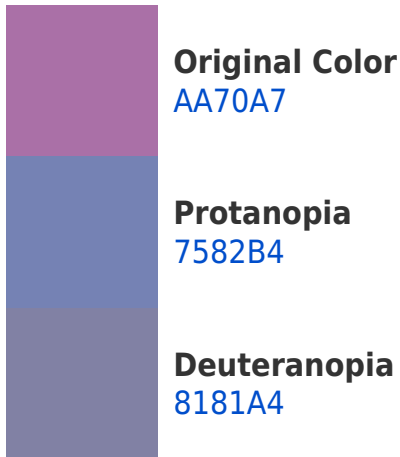


This preview shows how white text looks on a background with the Hex color AA70A7.

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
A57881

Trichromacy



Original Color
AA70A7

Protanomaly
887BAF

Deuteranomaly
907BA5

Tritanomaly
A7758F

Monochromacy



Original Color
AA70A7

Achromatopsia
888888

Achromatomaly
947F93

CSS Examples

Text

The CSS property to change the color of the text to Hex AA70A7 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 #AA70A7 looks like.

```
.text, #text, p{  
  color:#AA70A7  
}
```

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 #AA70A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA70A7  
}
```

Border

The CSS property to change the border of an element to Hex AA70A7 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  
#AA70A7 }
```

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

```
.border{ border-color:#AA70A7 }
```

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

Here you see how a box with a 4 pixel #AA70A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA70A7; -webkit-box-shadow:4px 4px  
4px 4px #AA70A7; box-shadow:4px 4px 4px  
4px #AA70A7 }
```

Background

The CSS property to change the background color of an element to Hex AA70A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA70A7 }
```

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

```
.background{ background-color:#AA70A7 }
```

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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