

Converting Colors

Hex(AF70A8)

Have a look what the booklet for
Hex(AF70A8) contains.

Hex(AF70A8)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(AF70A8)

Conversions

Conversions Part 1

Format	Color
Hex	AF70A8
RGB	175, 112, 168
RGB Percent	69%, 44%, 66%
CMY	0.3137, 0.5608, 0.3412
CMYK	0.00, 0.36, 0.04, 0.31
HSL	307°, 28%, 56%
HSV	307°, 36%, 69%
XYZ	30.5412, 23.5295, 39.9777
YIQ	137.2210, 19.5720, 30.7720

Conversions

Conversions Part 2

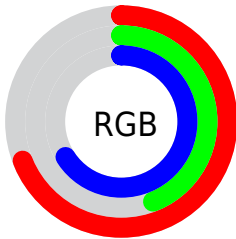
Format	Color
RYB	175, 112, 168
Decimal	11497640
CIELab	55.61, 33.79, -19.74
CIELCh	56, 39.133, 329.704
Yxy	23.5295, 0.3247, 0.2502
Android (android.graphics.Color)	4289687720 (0xFFAF70A8)
YUV	137.2210, 15.1740, 33.1322
Hunter-Lab	48.5072, 27.5002, -14.9095

Details

The Hex color **AF70A8** is a light color, and the websafe version is hex **996699**. A complement of this color would be **70AF77**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **E8A5DF**, and **793E74** is the 20% darker color. If you saturate the color by 10%, you get **AF5FA6**, and if you desaturate by 10%, it is **AF82AA**.

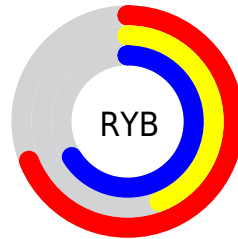
Distribution



Red (69%)

Green (44%)

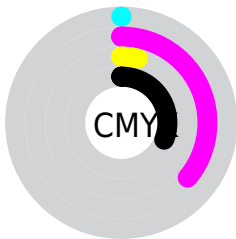
Blue (66%)



Red (69%)

Yellow (44%)

Blue (66%)

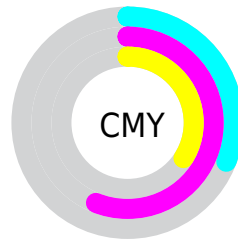


Cyan (0%)

Magenta (36%)

Yellow (4%)

Black (31%)



Cyan (31%)

Magenta (56%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color AF70A8 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 AF70A8 by changing the saturation by 10% instead.

 AF70A8

 AF70A8

FFFFFF

 94578D

 E8A5DF

 793E74

 FFC0FC

 60265B

 FFDCFF

 470D43

 FFF9FF

 2F002D

 150018

 000000

 AF70A8

 AF70A8

 AF5FA6

 AF82AA

 AF4DA4

 AF93AC

 AF3BA2

 AFA4AE

 AF2AA0

 AFB6B0

 AF199E

 AFC8B2

 AF079C

 AFD9B4

 AF009C

 AFEBB6

 AFFCB8

 AFFF B9

Harmonies

Analogous

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



877CC0



AF70A8



C36987

Triad

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



AF70A8



9A8340



0096A6

Complementary

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



AF70A8



70AF77

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.



009784



AF70A8



788D48

Square

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



AF70A8



B5774B



4D9462



0092BF

Rectangle

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



AF70A8



C66A70



4D9462



00979B

Sweetspot

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



AF70A8



E3CAE0



7670AF



736471



F2F2F2



737373

Same Dimension

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



AF70A8



E381D8



AF7089



574E56



960086



170014

Inverse Universe

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



AF70A8



E381D8



70AF96



574E56



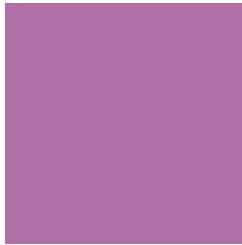
960086



170014

Previews

White Background



This preview shows how the Hex color AF70A8 looks on a white background.

Color Contrast Check

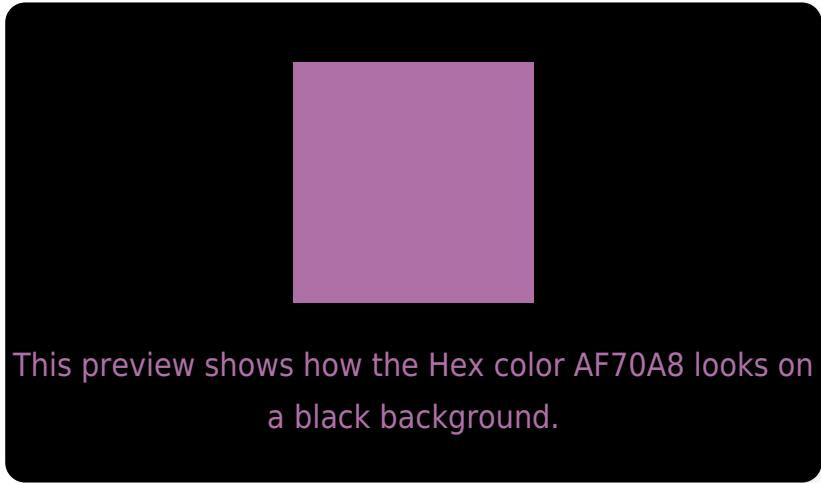
Large Text (above 18pt) WCAG AA ✓ Pass

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

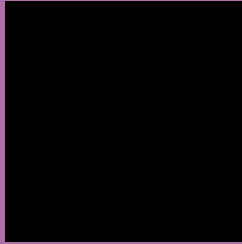
Any Text WCAG AA ✓ Pass

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 AF70A8 Background



This preview shows how black text looks on a background with the Hex color AF70A8.

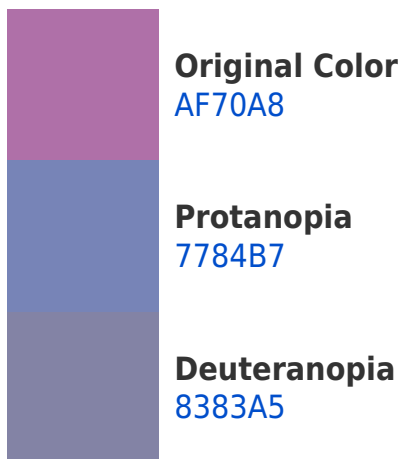


This preview shows how white text looks on a background with the Hex color AF70A8.

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](#).

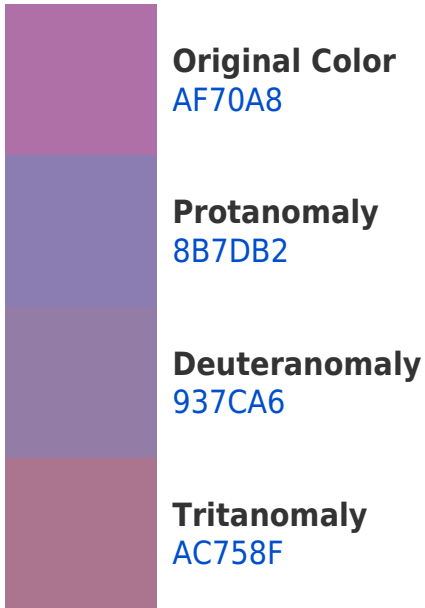
Dichromacy



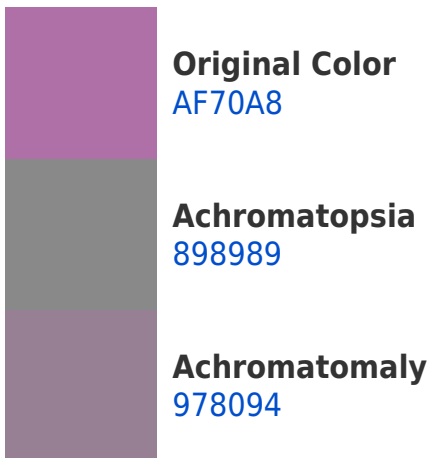


Tritanopia
AA7881

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex AF70A8 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 #AF70A8 looks like.

```
.text, #text, p{  
    color:#AF70A8  
}
```

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 #AF70A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF70A8
}
```

Border

The CSS property to change the border of an element to Hex AF70A8 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
#AF70A8 }
```

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

```
.border{ border-color:#AF70A8 }
```

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

Here you see how a box with a 4 pixel #AF70A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF70A8; -webkit-box-shadow:4px 4px  
4px 4px #AF70A8; box-shadow:4px 4px 4px  
4px #AF70A8 }
```

Background

The CSS property to change the background color of an element to Hex AF70A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF70A8 }
```

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

```
.background{ background-color:#AF70A8 }
```

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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