

Converting Colors

Hex(AF86A8)

Have a look what the booklet for
Hex(AF86A8) contains.

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Color

Hex(AF86A8)

Conversions

Conversions Part 1

Format	Color
Hex	AF86A8
RGB	175, 134, 168
RGB Percent	69%, 53%, 66%
CMY	0.3137, 0.4745, 0.3412
CMYK	0.00, 0.23, 0.04, 0.31
HSL	310°, 20%, 61%
HSV	310°, 23%, 69%
XYZ	33.2722, 28.9913, 40.8880
YIQ	150.1350, 13.5220, 19.2660

Conversions

Conversions Part 2

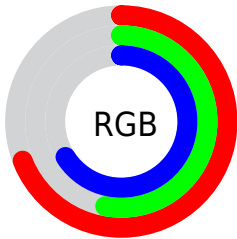
Format	Color
RYB	175, 134, 168
Decimal	11503272
CIELab	60.77, 21.46, -11.92
CIELCh	61, 24.552, 330.947
Yxy	28.9913, 0.3226, 0.2811
Android (android.graphics.Color)	4289693352 (0xFFAF86A8)
YUV	150.1350, 8.8074, 21.8066
Hunter-Lab	53.8436, 16.0763, -7.3335

Details

The Hex color **AF86A8** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **86AF8D**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **E7BBDF**, and **7A5474** is the 20% darker color. If you saturate the color by 10%, you get **AF75A5**, and if you desaturate by 10%, it is **AF98AB**.

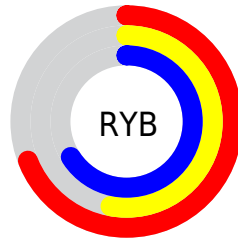
Distribution



Red (69%)

Green (53%)

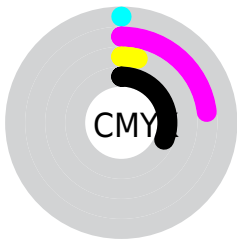
Blue (66%)



Red (69%)

Yellow (53%)

Blue (66%)

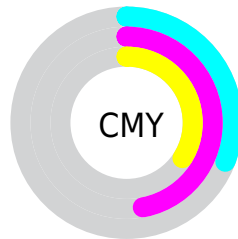


Cyan (0%)

Magenta (23%)

Yellow (4%)

Black (31%)



Cyan (31%)

Magenta (47%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color AF86A8 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 AF86A8 by changing the saturation by 10% instead.



AF86A8



AF86A8

FFFFFF



946C8E



E7BBDF



7A5474



FFD7FC



613C5B



FFF4FF



482644



31102D



1F0019



000000



AF86A8



AF86A8



AF75A5



AF98AB

 AF63A2

 AFA9AE

 AF529F

 AFBBB1

 AF409C

 AFCCB4

 AF2F99

 AFDEB7

 AF1D96

 AFEFBA

 AF0C93

 AFFFBD

 AF0091

 AFFFC0

 AFFFC3

Harmonies

Analogous

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



978DB8



AF86A8



BC8393

Triad

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



AF86A8



A29167



509EA8

Complementary

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



AF86A8



86AF8D

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.



5B9F93



AF86A8



8A986D

Square

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



AF86A8



B48A6D



719D7D



5C9AB8

Rectangle

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



AF86A8



BF8384



719D7D



529FA1

Sweetspot

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



AF86A8



E3D3E0



8D86AF



736A71



F2F2F2



737373

Same Dimension

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



AF86A8



E3A3D8



AF8694



574E55



96007D



170013

Inverse Universe

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



AF86A8



E3A3D8



86AFA1



574E55



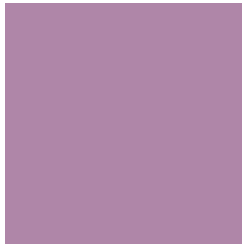
96007D



170013

Previews

White Background



This preview shows how the Hex color AF86A8 looks on a white background.

Color Contrast Check

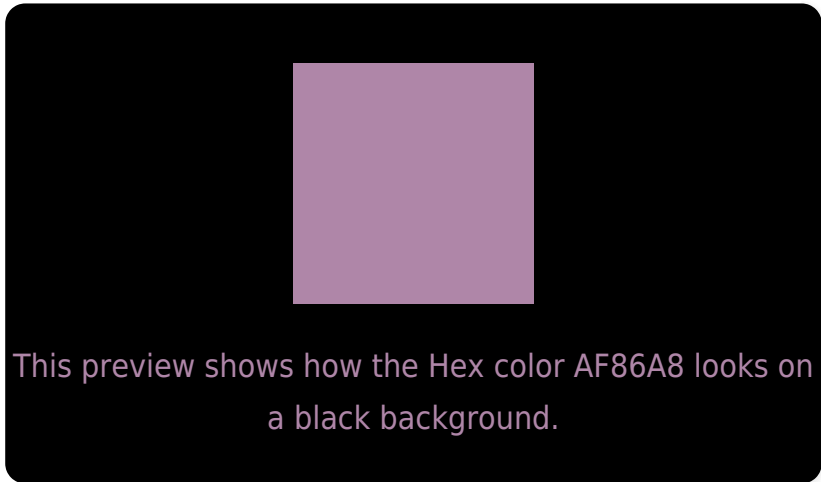
Large Text (above 18pt) WCAG AA ✓ Pass

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

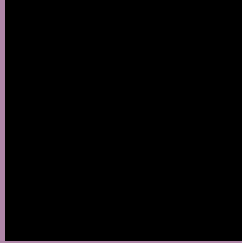
Any Text WCAG AA ✓ Pass

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 AF86A8 Background



This preview shows how black text looks on a background with the Hex color AF86A8.

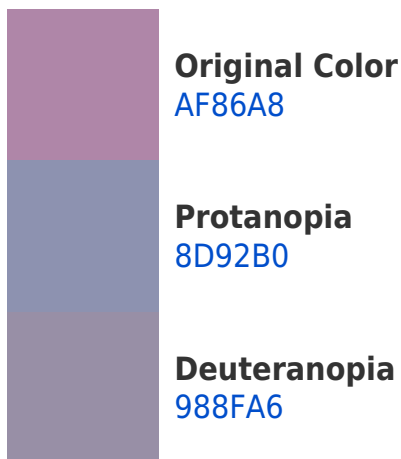



This preview shows how white text looks on a background with the Hex color AF86A8.

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
AC8A94

Trichromacy



Original Color
AF86A8

Protanomaly
998EAD

Deuteranomaly
A08CA7

Tritanomaly
AD899B

Monochromacy



Original Color
AF86A8

Achromatopsia
969696

Achromatomaly
9F909D

CSS Examples

Text

The CSS property to change the color of the text to Hex AF86A8 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 #AF86A8 looks like.

```
.text, #text, p{  
  color:#AF86A8  
}
```

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 #AF86A8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AF86A8
}
```

Border

The CSS property to change the border of an element to Hex AF86A8 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
#AF86A8 }
```

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

```
.border{ border-color:#AF86A8 }
```

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

Here you see how a box with a 4 pixel #AF86A8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AF86A8; -webkit-box-shadow:4px 4px  
4px 4px #AF86A8; box-shadow:4px 4px 4px  
4px #AF86A8 }
```

Background

The CSS property to change the background color of an element to Hex AF86A8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AF86A8 }
```

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

```
.background{ background-color:#AF86A8 }
```

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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