

Converting Colors

Hex(AA86A3)

Have a look what the booklet for
Hex(AA86A3) contains.

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Color

Hex(AA86A3)

Conversions

Conversions Part 1

Format	Color
Hex	AA86A3
RGB	170, 134, 163
RGB Percent	67%, 53%, 64%
CMY	0.3333, 0.4745, 0.3608
CMYK	0.00, 0.21, 0.04, 0.33
HSL	312°, 17%, 60%
HSV	312°, 21%, 67%
XYZ	31.7135, 28.2406, 38.4298
YIQ	148.0700, 12.1470, 16.6510

Conversions

Conversions Part 2

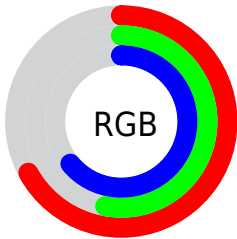
Format	Color
RYB	170, 134, 163
Decimal	11175587
CIELab	60.11, 18.75, -10.12
CIELCh	60, 21.312, 331.638
Yxy	28.2406, 0.3223, 0.2870
Android (android.graphics.Color)	4289365667 (0xFFAA86A3)
YUV	148.0700, 7.3605, 19.2326
Hunter-Lab	53.1419, 13.5253, -5.6766

Details

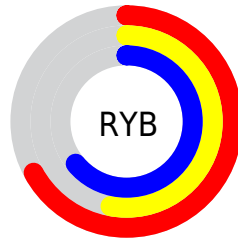
The Hex color **AA86A3** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **86AA8D**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **E2BBDA**, and **75546F** is the 20% darker color. If you saturate the color by 10%, you get **AA75A0**, and if you desaturate by 10%, it is **AA97A6**.

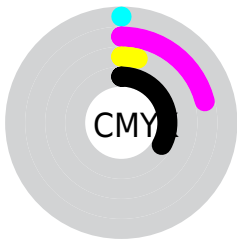
Distribution



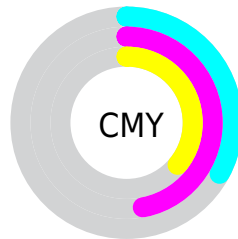
- Red (67%)
- Green (53%)
- Blue (64%)



- Red (67%)
- Yellow (53%)
- Blue (64%)



- Cyan (0%)
- Magenta (21%)
- Yellow (4%)
- Black (33%)



- Cyan (33%)
- Magenta (47%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA86A3 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 AA86A3 by changing the saturation by 10% instead.



AA86A3



AA86A3

FFFFFF



8F6D89



E2BBDA



75546F



FED7F6



5C3D57



FFF4FF



442640



2E112A



1C0016



000000



AA86A3



AA86A3



AA75A0



AA97A6

■ AA649C

■ AAA8AA

■ AA5399

■ AAB9AD

■ AA4296

■ AACAB0

■ AA3192

■ AADBB4

■ AA208F

■ AAECB7

■ AA0F8C

■ AAFDBA

■ AA0089

■ AAFFBD

■ AAFFC1

Harmonies

Analogous

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



958CB1



AA86A3



B68390

Triad

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



AA86A3



9E906B



5A9BA4

Complementary

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



AA86A3



86AA8D

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.



629B91



AA86A3



899671

Square

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



AA86A3



AE8A70



749A7E



6498B1

Rectangle

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



AA86A3



B78484



749A7E



5B9B9E

Sweetspot

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



AA86A3



DED1DB



8D86AA



70686F



F0F0F0



707070

Same Dimension

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



AA86A3



DEA6D3



AA8691



544C53



940077



140010

Inverse Universe

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



AA86A3



DEA6D3



86AA9F



544C53



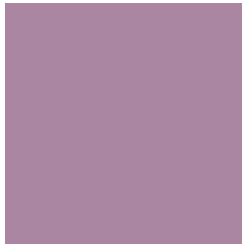
940077



140010

Previews

White Background



This preview shows how the Hex color AA86A3 looks on a white background.

Color Contrast Check

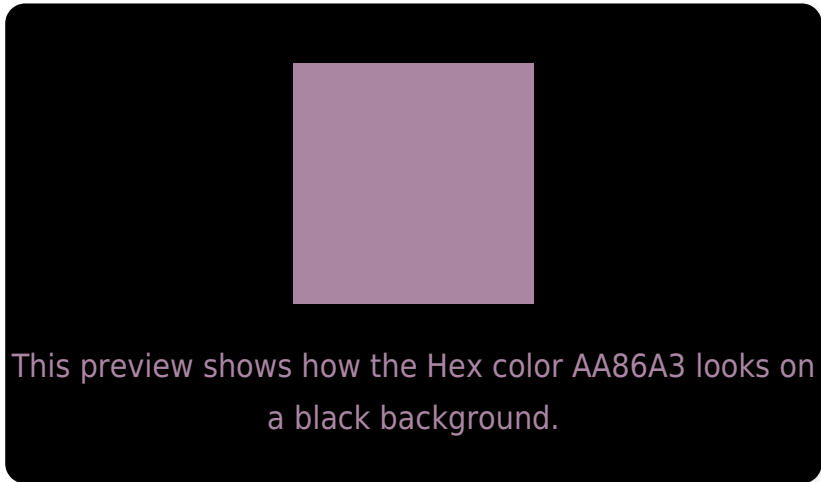
Large Text (above 18pt) WCAG AA ✓ Pass

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

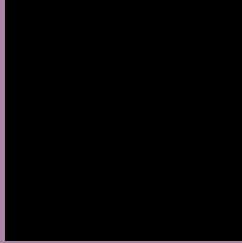
Any Text WCAG AA ✓ Pass

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 AA86A3 Background



This preview shows how black text looks on a background with the Hex color AA86A3.



This preview shows how white text looks on a background with the Hex color AA86A3.

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



Original Color
AA86A3

Protanopia
8C90A9

Deuteranopia
978DA2



Tritanopia
A88993

Trichromacy



Original Color
AA86A3

Protanomaly
978CA7

Deuteranomaly
9E8AA2

Tritanomaly
A98899

Monochromacy



Original Color
AA86A3

Achromatopsia
949494

Achromatomaly
9C8F99

CSS Examples

Text

The CSS property to change the color of the text to Hex AA86A3 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 #AA86A3 looks like.

```
.text, #text, p{  
    color:#AA86A3  
}
```

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 #AA86A3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA86A3  
}
```

Border

The CSS property to change the border of an element to Hex AA86A3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

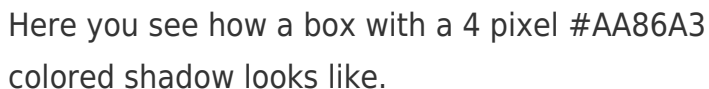
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#AA86A3 }
```

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

```
.border{ border-color:#AA86A3 }
```

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



Here you see how a box with a 4 pixel #AA86A3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA86A3; -webkit-box-shadow:4px 4px  
4px 4px #AA86A3; box-shadow:4px 4px 4px  
4px #AA86A3 }
```

Background

The CSS property to change the background color of an element to Hex AA86A3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA86A3 }
```

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

```
.background{ background-color:#AA86A3 }
```

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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