

Converting Colors

Hex(AA3086)

Have a look what the booklet for
Hex(AA3086) contains.

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Color

Hex(AA3086)

Conversions

Conversions Part 1

Format	Color
Hex	AA3086
RGB	170, 48, 134
RGB Percent	67%, 19%, 53%
CMY	0.3333, 0.8118, 0.4745
CMYK	0.00, 0.72, 0.21, 0.33
HSL	318°, 56%, 43%
HSV	318°, 72%, 67%
XYZ	21.9376, 12.3812, 23.7878
YIQ	94.2820, 45.1060, 52.6100

Conversions

Conversions Part 2

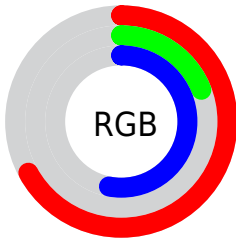
Format	Color
RYB	170, 48, 134
Decimal	11153542
CIELab	41.82, 57.50, -20.77
CIElCh	42, 61.137, 340.136
Yxy	12.3812, 0.3775, 0.2131
Android (android.graphics.Color)	4289343622 (0xFFAA3086)
YUV	94.2820, 19.5810, 66.4047
Hunter-Lab	35.1869, 49.7103, -15.4517

Details

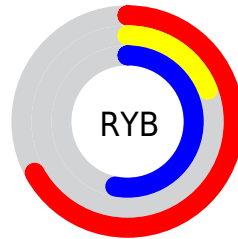
The Hex color **AA3086** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **30AA54**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **E469BB**, and **720054** is the 20% darker color. If you saturate the color by 10%, you get **AA1F81**, and if you desaturate by 10%, it is **AA418B**.

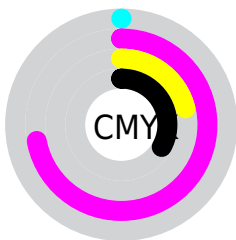
Distribution



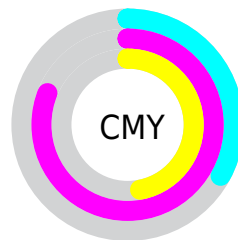
- Red (67%)
- Green (19%)
- Blue (53%)



- Red (67%)
- Yellow (19%)
- Blue (53%)



- Cyan (0%)
- Magenta (72%)
- Yellow (21%)
- Black (33%)



- Cyan (33%)
- Magenta (81%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color AA3086 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 AA3086 by changing the saturation by 10% instead.

■ AA3086

■ AA3086

FFFFFF

■ 8E096D

■ E469BB

■ 720054

■ FF84D7

■ 57003D

■ FFA0F4

■ 3D0027

■ FFBDFE

■ 210010

■ FFDAFF

■ 000000

■ FFF7FF

■ AA3086

■ AA3086

■ AA1F81

■ AA418B

■ AA0E7C

■ AA5290

■ AA0078

■ AA6395

■ AA749A

■ AA859F

■ AA96A4

■ AAA7A9

■ AAB8AE

■ AAC9B3

Harmonies

Analogous

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



784CB0



AA3086



BA2454

Triad

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



AA3086



686600



0078A3

Complementary

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



AA3086



30AA54

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.



007973



AA3086



2E7100

Square

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



AA3086



925400



00773E



0071C2

Rectangle

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



AA3086



B63133



00773E



007894

Sweetspot

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



AA3086



DEADCF



5330AA



705368



F0F0F0



707070

Same Dimension

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



AA3086



DE1FA6



AA304A



544C52



940068



14000E

Inverse Universe

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



AA3086



DE1FA6



30AA90



544C52



940068



14000E

Previews

White Background



This preview shows how the Hex color AA3086 looks on a white background.

Color Contrast Check

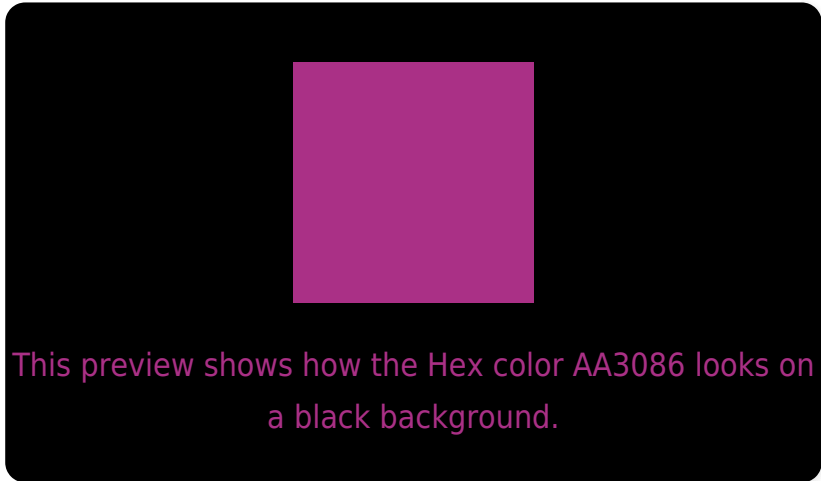
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

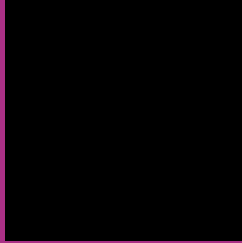
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex AA3086 Background



This preview shows how black text looks on a background with the Hex color AA3086.

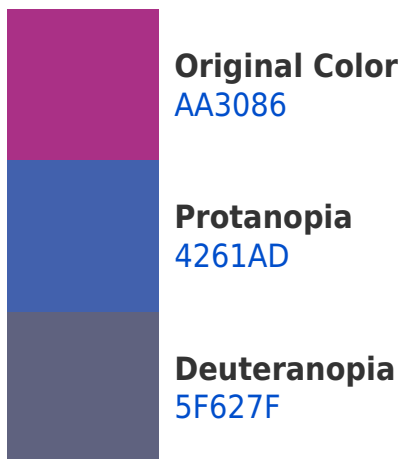



This preview shows how white text looks on a background with the Hex color AA3086.

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
A54347

Trichromacy



Original Color
AA3086



Protanomaly
684F9F



Deuteranomaly
7A5082



Tritanomaly
A73C5E

Monochromacy



Original Color
AA3086



Achromatopsia
5E5E5E



Achromatomaly
7A4D6D

CSS Examples

Text

The CSS property to change the color of the text to Hex AA3086 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 #AA3086 looks like.

```
.text, #text, p{  
    color:#AA3086  
}
```

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 #AA3086 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #AA3086
}
```

Border

The CSS property to change the border of an element to Hex AA3086 is called "border". The border property can be set on classes, ids or directly on the HTML element.

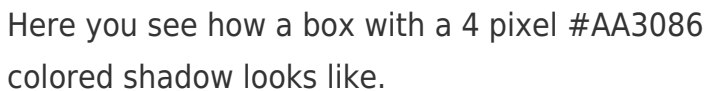
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#AA3086 }
```

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

```
.border{ border-color:#AA3086 }
```

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



Here you see how a box with a 4 pixel `#AA3086` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #AA3086; -webkit-box-shadow:4px 4px  
4px 4px #AA3086; box-shadow:4px 4px 4px  
4px #AA3086 }
```

Background

The CSS property to change the background color of an element to Hex AA3086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#AA3086 }
```

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

```
.background{ background-color:#AA3086 }
```

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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