

Converting Colors

Hex(A846AA)

Have a look what the booklet for
Hex(A846AA) contains.

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Color

Hex(A846AA)

Conversions

Conversions Part 1

Format	Color
Hex	A846AA
RGB	168, 70, 170
RGB Percent	66%, 27%, 67%
CMY	0.3412, 0.7255, 0.3333
CMYK	0.01, 0.59, 0.00, 0.33
HSL	299°, 42%, 47%
HSV	299°, 59%, 67%
XYZ	25.5943, 15.6074, 39.6938
YIQ	110.7020, 26.3080, 51.8760

Conversions

Conversions Part 2

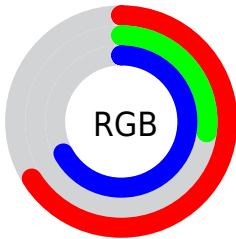
Format	Color
R_{YB}	168, 70, 170
Decimal	11028138
CIE _{Lab}	46.46, 53.67, -35.19
CIE _{LCh}	46, 64.183, 326.749
Yxy	15.6074, 0.3164, 0.1929
Android (android.graphics.Color)	4289218218 (0xFFA846AA)
YUV	110.7020, 29.2339, 50.2503
Hunter-Lab	39.5062, 46.5062, -31.9171

Details

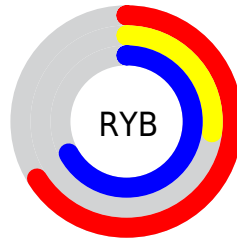
The Hex color **A846AA** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **48AA46**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **E17CE2**, and **710575** is the 20% darker color. If you saturate the color by 10%, you get **A835AA**, and if you desaturate by 10%, it is **A857AA**.

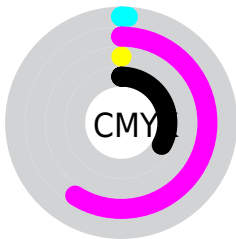
Distribution



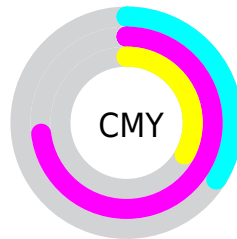
- Red (66%)
- Green (27%)
- Blue (67%)



- Red (66%)
- Yellow (27%)
- Blue (67%)



- Cyan (1%)
- Magenta (59%)
- Yellow (0%)
- Black (33%)



- Cyan (34%)
- Magenta (73%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color A846AA 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 A846AA by changing the saturation by 10% instead.

 A846AA

 A846AA

FFFFFF

 8C2A8F

 E17CE2

 710575

 FF97FF

 56005C

 FFB3FF

 3C0044

 FFCFFF

 25002D

 FFECFF

 000117

 000000

 A846AA

 A846AA

 A835AA

 A857AA

 A724AA

 A968AA

 A713AA

 A979AA

 A702AA

 A98AAA

 A700AA

 AA9BAA

 AAACAA

 AABDAA

 ABCEAA

 ABDFAA

Harmonies

Analogous

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



5C62CF



A846AA



C82E76

Triad

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



A846AA



8A6A00



00869D

Complementary

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



A846AA



48AA46

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.



008566



A846AA



567900

Square

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



A846AA



B25309



00812E



0082C8

Rectangle

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



A846AA



CC3153



00812E



00868C

Sweetspot

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



A846AA



DDB6DE



4649AA



705870



F0F0F0



707070

Same Dimension

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



A846AA



DB40DE



AA467B



544C54



910094



140014

Inverse Universe

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



AA4648



DE4043



46AA75



544C4C



940003



140000

Previews

White Background



This preview shows how the Hex color A846AA looks on a white background.

Color Contrast Check

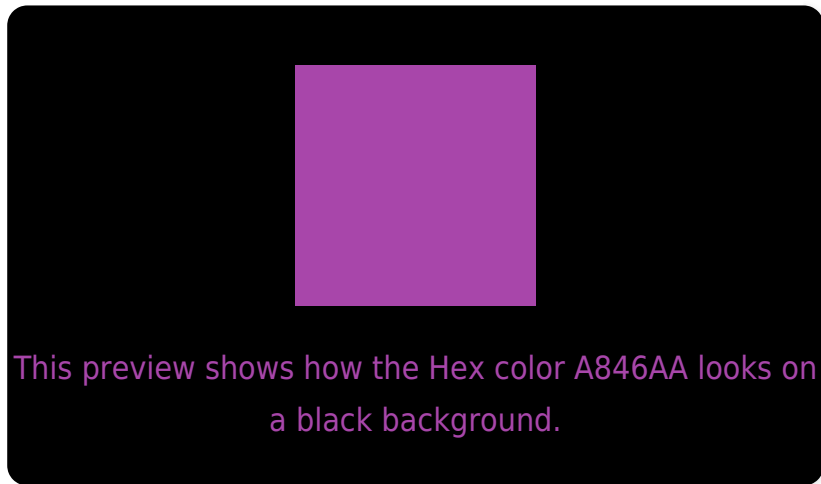
Large Text (above 18pt) WCAG AA ✓ Pass

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

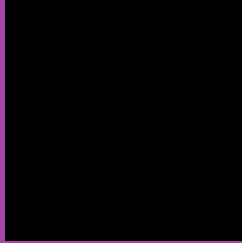
Any Text WCAG AA × Fail

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 A846AA Background



This preview shows how black text looks on a background with the Hex color A846AA.

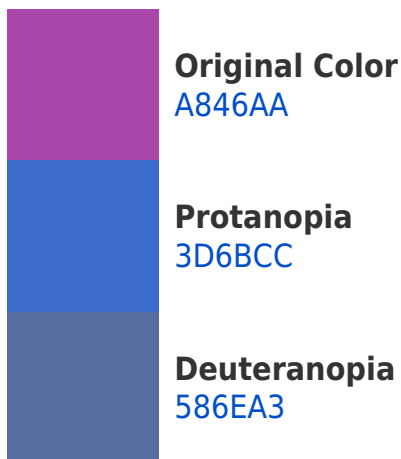



This preview shows how white text looks on a background with the Hex color A846AA.

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](#).

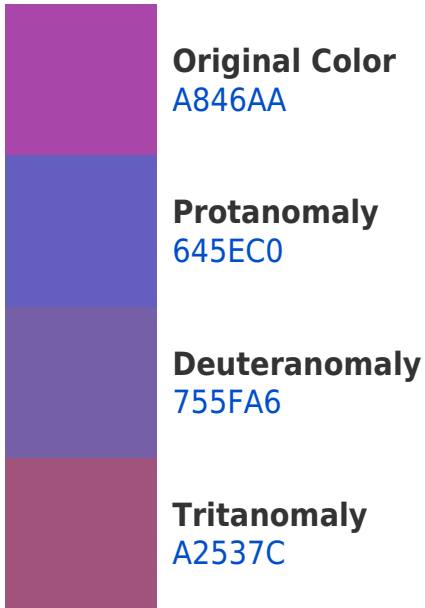
Dichromacy



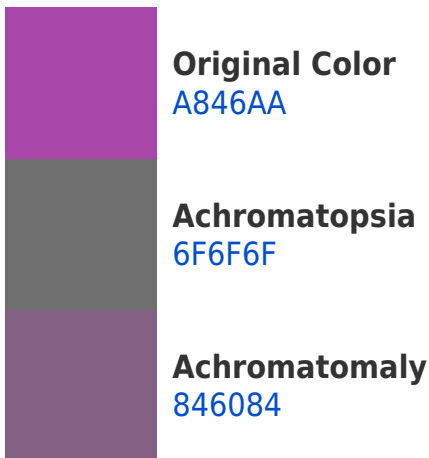


Tritanopia
9F5A61

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A846AA 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 #A846AA looks like.

```
.text, #text, p{  
    color:#A846AA  
}
```

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 #A846AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A846AA
}
```

Border

The CSS property to change the border of an element to Hex A846AA 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".

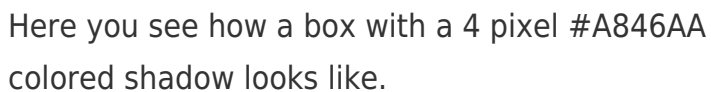
```
.border, #border, table{ border:4px solid
#A846AA }
```

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

```
.border{ border-color:#A846AA }
```

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

Here you see how a box with a 4 pixel #A846AA colored shadow looks like.

A rectangular box with a purple border and a purple shadow. The box is white with a thin purple border on the top and left sides, and a thicker purple shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A846AA; -webkit-box-shadow:4px 4px  
4px 4px #A846AA; box-shadow:4px 4px 4px  
4px #A846AA }
```

Background

The CSS property to change the background color of an element to Hex A846AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A846AA }
```

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

```
.background{ background-color:#A846AA }
```

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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