

Converting Colors

Hex(A841AA)

Have a look what the booklet for
Hex(A841AA) contains.

Hex(A841AA)	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(A841AA)

Conversions

Conversions Part 1

Format	Color
Hex	A841AA
RGB	168, 65, 170
RGB Percent	66%, 25%, 67%
CMY	0.3412, 0.7451, 0.3333
CMYK	0.01, 0.62, 0.00, 0.33
HSL	299°, 45%, 46%
HSV	299°, 62%, 67%
XYZ	25.2944, 15.0077, 39.5938
YIQ	107.7670, 27.6830, 54.4910

Conversions

Conversions Part 2

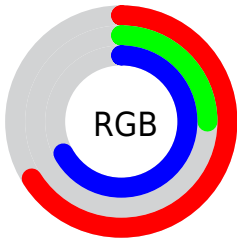
Format	Color
R_{YB}	168, 65, 170
Decimal	11026858
CIE _{Lab}	45.64, 55.90, -36.47
CIE _{LCh}	46, 66.746, 326.880
Yxy	15.0077, 0.3166, 0.1878
Android (android.graphics.Color)	4289216938 (0xFFA841AA)
YUV	107.7670, 30.6809, 52.8243
Hunter-Lab	38.7398, 48.7538, -33.4792

Details

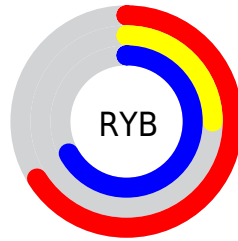
The Hex color **A841AA** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **43AA41**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **E277E2**, and **710075** is the 20% darker color. If you saturate the color by 10%, you get **A830AA**, and if you desaturate by 10%, it is **A852AA**.

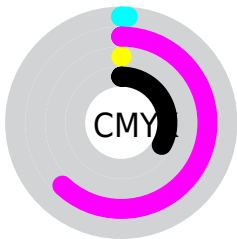
Distribution



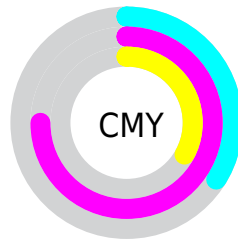
- Red (66%)
- Green (25%)
- Blue (67%)



- Red (66%)
- Yellow (25%)
- Blue (67%)



- Cyan (1%)
- Magenta (62%)
- Yellow (0%)
- Black (33%)



- Cyan (34%)
- Magenta (75%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color A841AA 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 A841AA by changing the saturation by 10% instead.

 A841AA

 A841AA

FFFFFF

 8C248F

 E277E2

 710075

 FF93FF

 56005C

 FFAFFF

 3C0044

 FFCBFF

 23002D

 FFE8FF

 000117

 000000

 A841AA

 A841AA

 A830AA

 A852AA

 A71FAA

 A963AA

 A70EAA

 A974AA

 A700AA

 A985AA

 AA96AA

 AAA7AA

 AAB8AA

 ABC9AA

 ABDAAA

Harmonies

Analogous

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



5860D1



A841AA



C92574

Triad

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



A841AA



886800



00849D

Complementary

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



A841AA



43AA41

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.



008464



A841AA



527700

Square

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



A841AA



B14F00



008029



0080CA

Rectangle

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



A841AA



CC284F



008029



00848B

Sweetspot

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



A841AA



DDB4DE



4144AA



705670



F0F0F0



707070

Same Dimension

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



A841AA



DB3ADE



AA4179



544C54



910094



140014

Inverse Universe

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



AA4143



DE3A3D



41AA72



544C4C



940003



140000

Previews

White Background



This preview shows how the Hex color A841AA looks on a white background.

Color Contrast Check

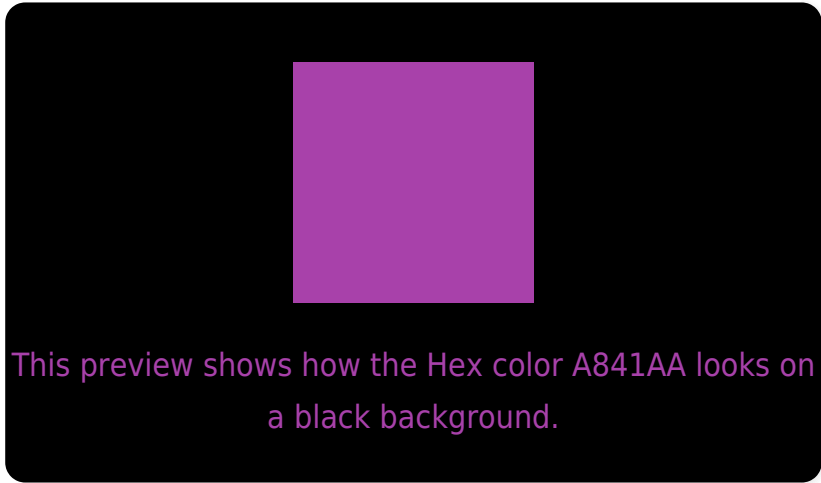
Large Text (above 18pt) WCAG AA ✓ Pass

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

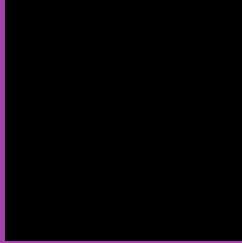
Any Text WCAG AA × Fail

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 A841AA Background



This preview shows how black text looks on a background with the Hex color A841AA.

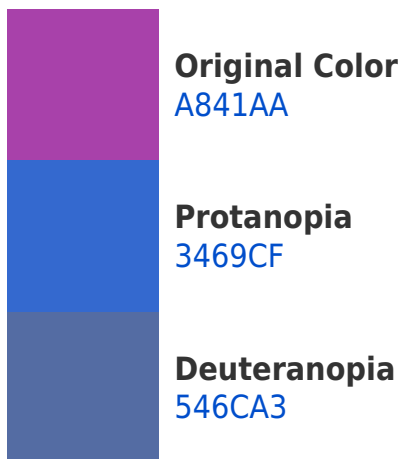


This preview shows how white text looks on a background with the Hex color A841AA.

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](#).

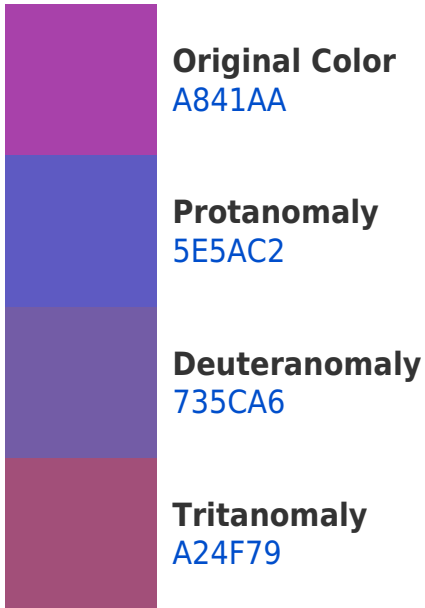
Dichromacy





Tritanopia
9F575D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex A841AA 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 #A841AA looks like.

```
.text, #text, p{  
  color:#A841AA  
}
```

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 #A841AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A841AA
}
```

Border

The CSS property to change the border of an element to Hex A841AA is called "border". The border property can be set on classes, ids or directly on the HTML element.

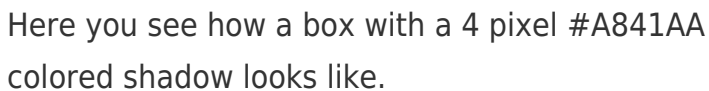
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#A841AA }
```

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

```
.border{ border-color:#A841AA }
```

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



Here you see how a box with a 4 pixel #A841AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A841AA; -webkit-box-shadow:4px 4px  
4px 4px #A841AA; box-shadow:4px 4px 4px  
4px #A841AA }
```

Background

The CSS property to change the background color of an element to Hex A841AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A841AA }
```

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

```
.background{ background-color:#A841AA }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor