

# Converting Colors

Hex(A805AA)

Have a look what the booklet for  
Hex(A805AA) contains.

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**Color**

**Hex(A805AA)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | A805AA                    |
| RGB           | 168, 5, 170               |
| RGB Percent   | 66%, 2%, 67%              |
| CMY           | 0.3412, 0.9804, 0.3333    |
| CMYK          | 0.01, 0.97, 0.00, 0.33    |
| HSL           | 299°, 94%, 34%            |
| HSV           | 299°, 97%, 67%            |
| XYZ           | 23.4584, 11.3357, 38.9818 |
| YIQ           | 72.5470, 44.1830, 85.8710 |

# Conversions

## Conversions Part 2

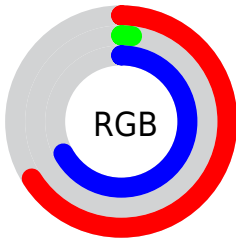
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>RYB</b>                          | 168, 5, 170                   |
| Decimal                             | 11011498                      |
| CIELab                              | 40.14, 71.65, -45.22          |
| CIElCh                              | 40, 84.727, 327.743           |
| Yxy                                 | 11.3357, 0.3180,<br>0.1536    |
| Android<br>(android.graphics.Color) | 4289201578<br>(0xFFA805AA)    |
| YUV                                 | 72.5470, 48.0443,<br>83.7123  |
| Hunter-Lab                          | 33.6685, 65.4496,<br>-45.0789 |

# Details

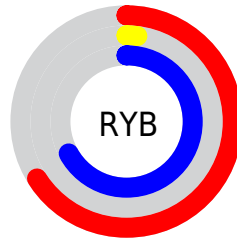
The Hex color **A805AA** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **07AA05**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **E355E2**, and **6F0075** is the 20% darker color. If you saturate the color by 10%, you get **A800AA**, and if you desaturate by 10%, it is **A816AA**.

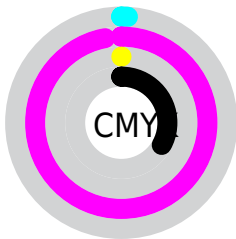
# Distribution



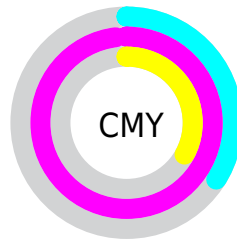
- Red (66%)
- Green (2%)
- Blue (67%)



- Red (66%)
- Yellow (2%)
- Blue (67%)



- Cyan (1%)
- Magenta (97%)
- Yellow (0%)
- Black (33%)



- Cyan (34%)
- Magenta (98%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A805AA 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 A805AA by changing the saturation by 10% instead.



 A805AA

 A805AA

FFFFFF

 8B008F

 E355E2

 6F0075

 FF72FF

 53005C

 FF8FFF

 3A0044

 FFACFF

 1B002C

 FFC9FF

 000116

 FFE7FF

 000000

 A805AA

 A805AA

 A800AA

 A816AA

 A827AA

 A938AA

 A949AA

 A95AAA

 A96BAA

 A97CAA

 AA8DAA

 AA9EAA

# Harmonies

## Analogous

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



314EDC



A805AA



CE0067

# Triad

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



A805AA



795B00



00799E

# Complementary

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



A805AA



07AA05

# 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.



007857



A805AA



316C00

# Square

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



A805AA



AB3700



007500



0077D5

# Rectangle

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



A805AA



D0003A



007500



007987



# Sweetspot

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



A805AA



DD9EDE



0508AA



704970



F0F0F0



707070



# Same Dimension

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



A805AA



DB00DE



AA055A



544C54



920094



140014



# Inverse Universe

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



AA0507



DE0003



05AA55



544C4C



940002



140000



# Previews

## White Background



This preview shows how the Hex color A805AA looks on a white background.

## Color Contrast Check

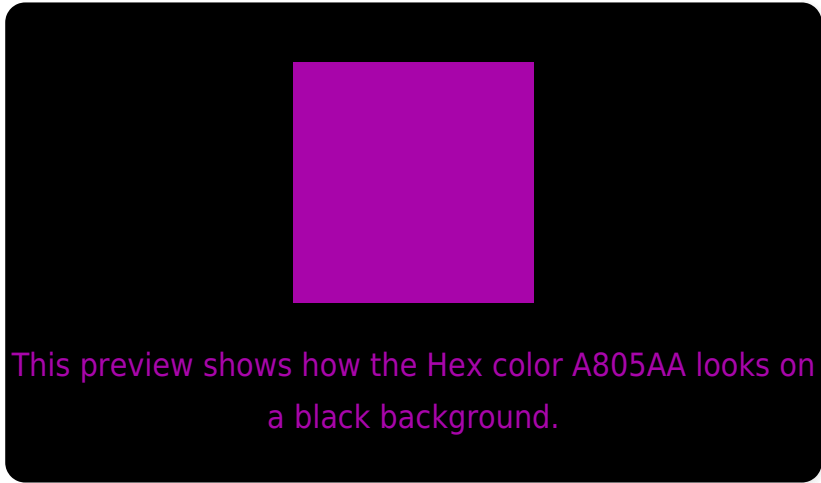
Large Text (above 18pt) WCAG AA ✓ Pass

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

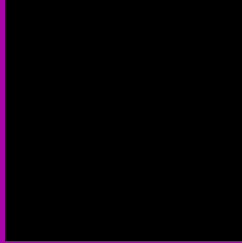
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A805AA Background



This preview shows how black text looks on a background with the Hex color A805AA.

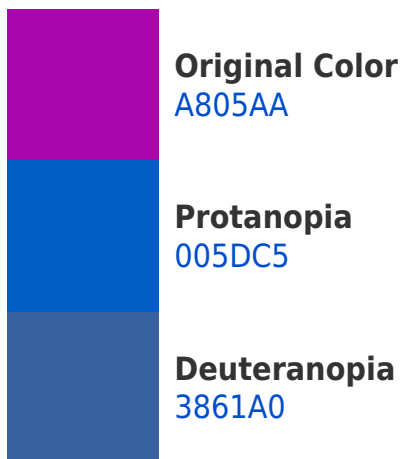


This preview shows how white text looks on a background with the Hex color A805AA.

# 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](#).

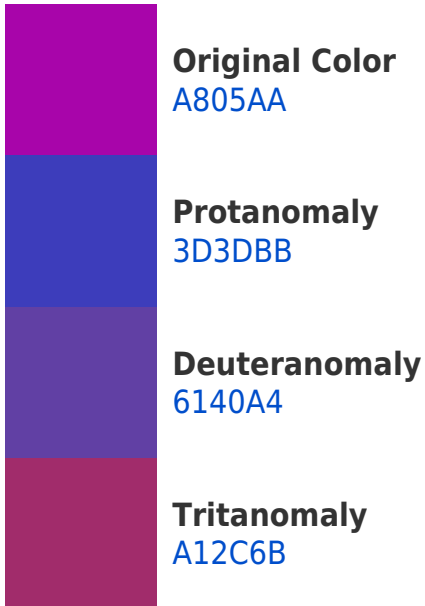
## Dichromacy



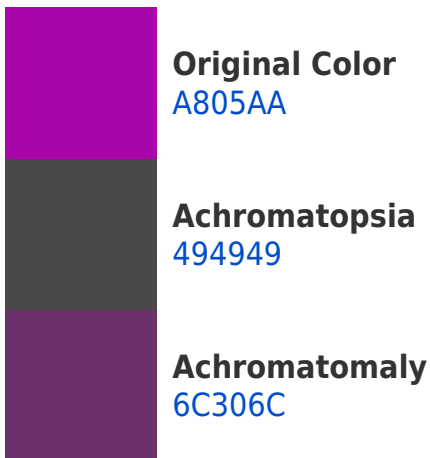


**Tritanopia**  
9D4347

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A805AA 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 #A805AA looks like.

```
.text, #text, p{  
    color:#A805AA  
}
```

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 #A805AA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A805AA
}
```

## Border

The CSS property to change the border of an element to Hex A805AA 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
#A805AA }
```

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

```
.border{ border-color:#A805AA }
```

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

Here you see how a box with a 4 pixel #A805AA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A805AA; -webkit-box-shadow:4px 4px  
4px 4px #A805AA; box-shadow:4px 4px 4px  
4px #A805AA }
```

# Background

The CSS property to change the background color of an element to Hex A805AA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A805AA }
```

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

```
.background{ background-color:#A805AA }
```

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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