

# Converting Colors

Hex(A844A4)

Have a look what the booklet for  
Hex(A844A4) contains.

|  |    |
|--|----|
| <b>Hex(A844A4)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

# Color

**Hex(A844A4)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | A844A4                     |
| RGB           | 168, 68, 164               |
| RGB Percent   | 66%, 27%, 64%              |
| CMY           | 0.3412, 0.7333, 0.3569     |
| CMYK          | 0.00, 0.60, 0.02, 0.34     |
| HSL           | 302°, 42%, 46%             |
| HSV           | 302°, 60%, 66%             |
| XYZ           | 24.9164, 15.1394, 36.7309  |
| YIQ           | 108.8440, 28.7840, 51.0560 |

# Conversions

## Conversions Part 2

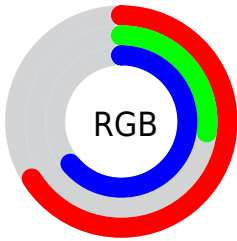
| <b>Format</b>                       | <b>Color</b>                                   |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">168, 68, 164</a>                   |
| Decimal                             | <a href="#">11027620</a>                       |
| CIELab                              | <a href="#">45.82, 53.52, -32.63</a>           |
| CIElCh                              | <a href="#">46, 62.681, 328.627</a>            |
| Yxy                                 | <a href="#">15.1394, 0.3245,<br/>0.1972</a>    |
| Android<br>(android.graphics.Color) | <a href="#">4289217700<br/>(0xFFA844A4)</a>    |
| YUV                                 | <a href="#">108.8440, 27.1919,<br/>51.8798</a> |
| Hunter-Lab                          | <a href="#">38.9094, 46.2146,<br/>-28.7339</a> |

# Details

The Hex color **A844A4** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **44A848**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **E17ADB**, and **710170** is the 20% darker color. If you saturate the color by 10%, you get **A833A3**, and if you desaturate by 10%, it is **A855A5**.

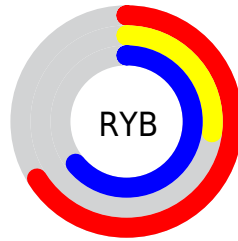
# Distribution



Red (66%)

Green (27%)

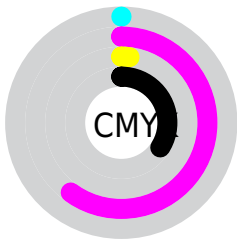
Blue (64%)



Red (66%)

Yellow (27%)

Blue (64%)

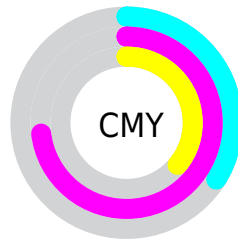


Cyan (0%)

Magenta (60%)

Yellow (2%)

Black (34%)



Cyan (34%)

Magenta (73%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color A844A4 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 A844A4 by changing the saturation by 10% instead.



 A844A4

 A844A4

FFFFFF

 8C2889

 E17ADB

 710170

 FF95F8

 560057

 FFB1FF

 3C003F

 FFCDFD

 240029

 FFEAFF

 000112

 000000

 A844A4

 A844A4

 A833A3

 A855A5

 A822A3

 A866A5

 A812A2

 A876A6

 A801A1

 A887A7

 A800A1

 A898A7

 A8A9A8

 A8BAA9

 A8CAA9

 A8DBAA

# Harmonies

## Analogous

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



6260CA



A844A4



C52F71

# Triad

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



A844A4



856900



00839E

# Complementary

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



A844A4



44A848

# 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.



008368



A844A4



527800

# Square

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



A844A4



AD5406



008032



007FC6

# Rectangle

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



A844A4



C8334E



008032



00848D



# Sweetspot

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



A844A4



DBB4DA



4744A8



6E566D



EDEDED



6E6E6E



# Same Dimension

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



A844A4



DB40D5



A84473



544C54



94008E



140014



# Inverse Universe

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



A844A4



DB40D5



44A879



544C54



94008E



140014



# Previews

## White Background



This preview shows how the Hex color A844A4 looks on a white background.

## Color Contrast Check

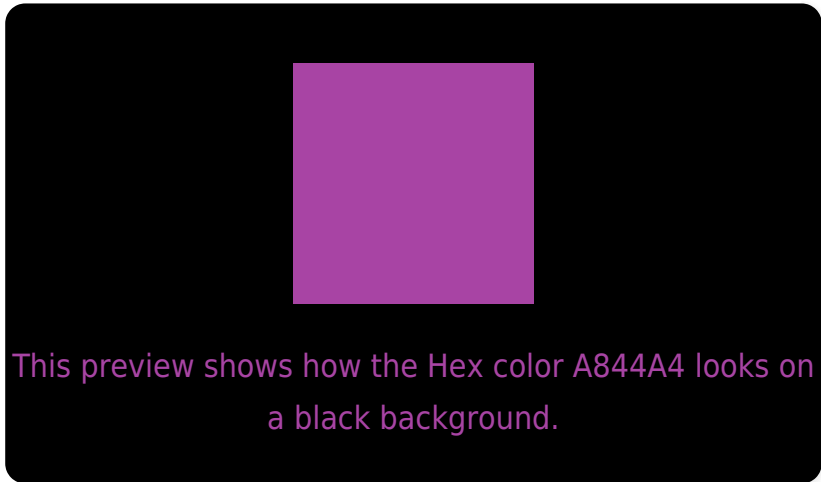
Large Text (above 18pt) WCAG AA ✓ Pass

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

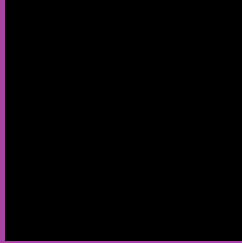
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex A844A4 Background



This preview shows how black text looks on a background with the Hex color A844A4.

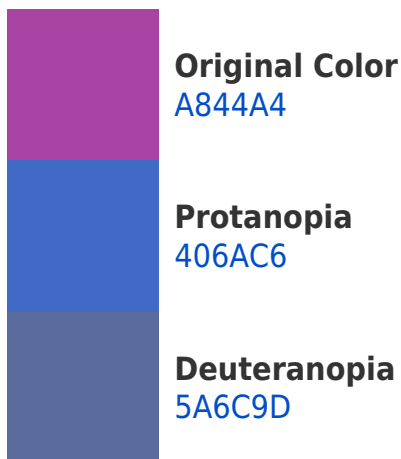


This preview shows how white text looks on a background with the Hex color A844A4.

# 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](#).

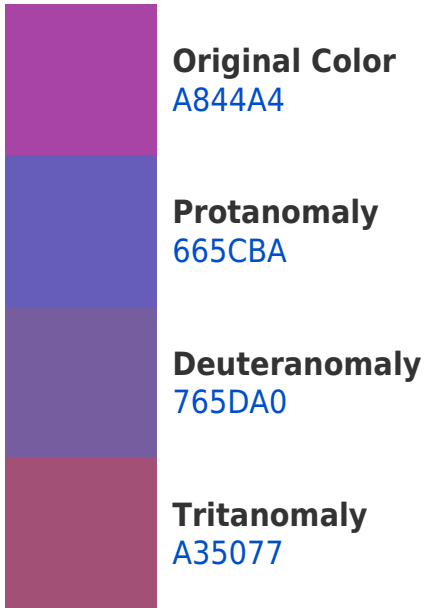
## Dichromacy



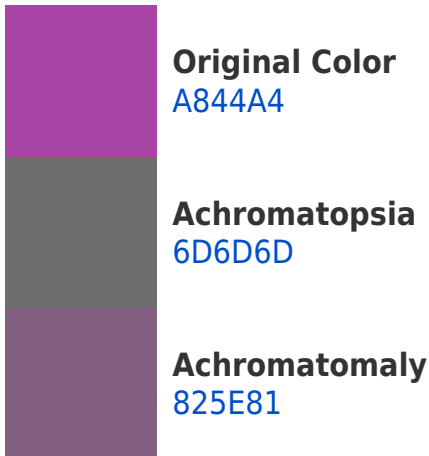


**Tritanopia**  
A0575E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex A844A4 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 #A844A4 looks like.

```
.text, #text, p{  
    color:#A844A4  
}
```

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 #A844A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A844A4
}
```

## Border

The CSS property to change the border of an element to Hex A844A4 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".

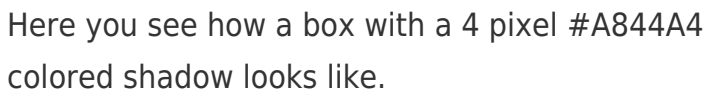
```
.border, #border, table{ border:4px solid
#A844A4 }
```

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

```
.border{ border-color:#A844A4 }
```

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

Here you see how a box with a 4 pixel #A844A4 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, bottom, and left sides. The right side of the box is open, and there is a thick purple shadow cast to the right of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A844A4; -webkit-box-shadow:4px 4px  
4px 4px #A844A4; box-shadow:4px 4px 4px  
4px #A844A4 }
```

# Background

The CSS property to change the background color of an element to Hex A844A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A844A4 }
```

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

```
.background{ background-color:#A844A4 }
```

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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