

# Converting Colors

Hex(894AC7)

Have a look what the booklet for  
Hex(894AC7) contains.

|  |    |
|--|----|
| <b>Hex(894AC7)</b> .....                       | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

**Color**

**Hex(894AC7)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>               |
|---------------|----------------------------|
| Hex           | 894AC7                     |
| RGB           | 137, 74, 199               |
| RGB Percent   | 54%, 29%, 78%              |
| CMY           | 0.4627, 0.7098, 0.2196     |
| CMYK          | 0.31, 0.63, 0.00, 0.22     |
| HSL           | 270°, 53%, 54%             |
| HSV           | 270°, 63%, 78%             |
| XYZ           | 23.0741, 14.3394, 55.5845  |
| YIQ           | 107.0870, -2.5770, 52.2310 |

# Conversions

## Conversions Part 2

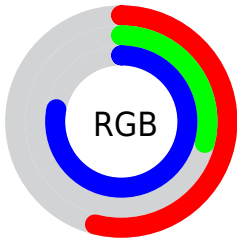
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 137, 74, 199                  |
| Decimal                             | 8997575                       |
| CIE Lab                             | 44.72, 50.21, -55.16          |
| CIE LCh                             | 45, 74.588, 312.308           |
| Yxy                                 | 14.3394, 0.2481,<br>0.1542    |
| Android<br>(android.graphics.Color) | 4287187655<br>(0xFF894AC7)    |
| YUV                                 | 107.0870, 45.3131,<br>26.2337 |
| Hunter-Lab                          | 37.8675, 42.4989,<br>-60.5227 |

# Details

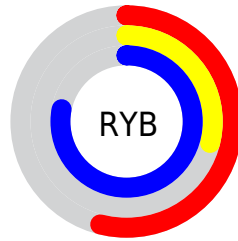
The Hex color **894AC7** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **88C74A**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **C27EFF**, and **511590** is the 20% darker color. If you saturate the color by 10%, you get **7F36C7**, and if you desaturate by 10%, it is **935EC7**.

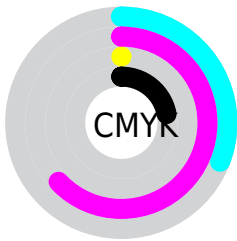
# Distribution



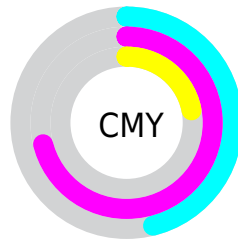
- Red (54%)
- Green (29%)
- Blue (78%)



- Red (54%)
- Yellow (29%)
- Blue (78%)



- Cyan (31%)
- Magenta (63%)
- Yellow (0%)
- Black (22%)



- Cyan (46%)
- Magenta (71%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 894AC7 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 894AC7 by changing the saturation by 10% instead.



■ 894AC7

■ 894AC7

FFFFFF

■ 6D30AB

■ C27EFF

■ 511590

■ DF99FF

■ 350076

■ FDB4FF

■ 16005C

■ FFD0FF

■ 000044

■ FFEDFF

■ 00032D

■ 000117

■ 000000

■ 894AC7

■ 894AC7

7F36C7

935EC7

7522C7

9D72C7

6B0EC7

A786C7

6400C7

B09AC7

BAAEC7

C4C1C7

CED5C7

D8E9C7

E2FDC7

# Harmonies

## Analogous

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



006AE5



894AC7



C31891

# Triad

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



894AC7



9E5900



008483

# Complementary

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



894AC7



88C74A

# 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.



008141



894AC7



6A6F00

# Square

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



894AC7



C43515



0E7C00



0082BD

# Rectangle

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



894AC7



D20068



0E7C00



00836D



# Sweetspot

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



894AC7



E7CFFF



4A89C7



716280



000000



808080



# Same Dimension

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



894AC7



A040FF



C74AC7



5F5A63



5200A3



120024



# Inverse Universe

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



C74A88



FF409F



4AC74A



635A5E



A30051

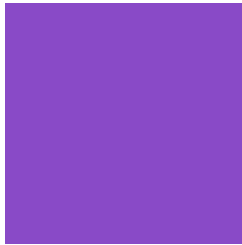


240012



# Previews

## White Background



This preview shows how the Hex color 894AC7 looks on a white background.

## Color Contrast Check

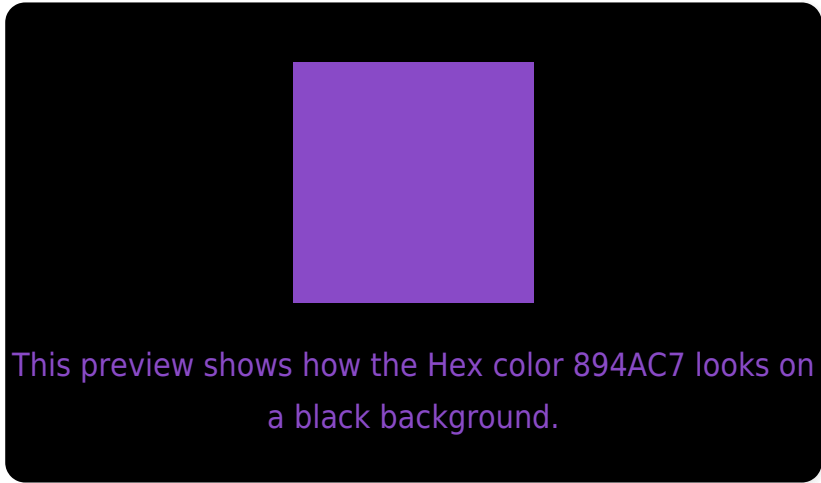
Large Text (above 18pt) WCAG AA ✓ Pass

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

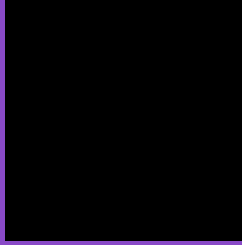
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 894AC7 Background



This preview shows how black text looks on a background with the Hex color 894AC7.

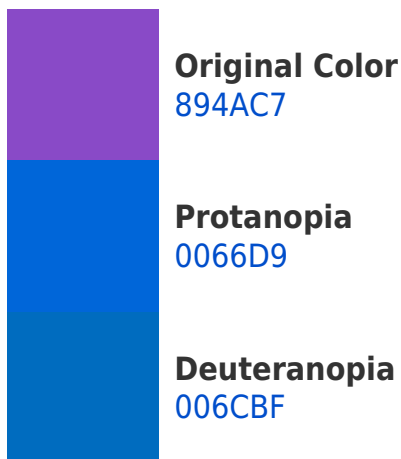



This preview shows how white text looks on a background with the Hex color 894AC7.

# 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](#).

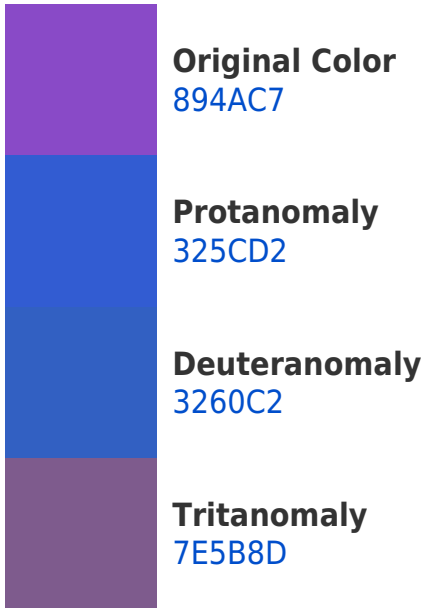
## Dichromacy



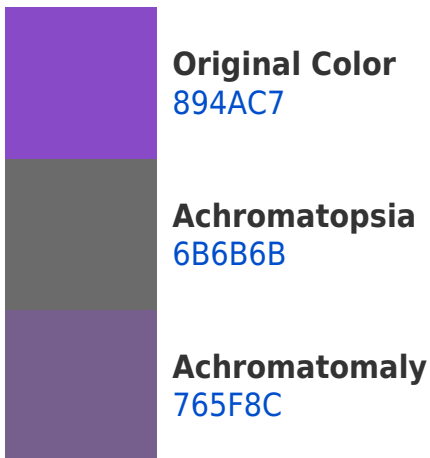


**Tritanopia**  
78656C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 894AC7 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 #894AC7 looks like.

```
.text, #text, p{  
    color:#894AC7  
}
```

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 #894AC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #894AC7
}
```

## Border

The CSS property to change the border of an element to Hex 894AC7 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
#894AC7 }
```

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

```
.border{ border-color:#894AC7 }
```

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

Here you see how a box with a 4 pixel #894AC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #894AC7; -webkit-box-shadow:4px 4px  
4px 4px #894AC7; box-shadow:4px 4px 4px  
4px #894AC7 }
```

# Background

The CSS property to change the background color of an element to Hex 894AC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#894AC7 }
```

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

```
.background{ background-color:#894AC7 }
```

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