

# Converting Colors

Hex(894ADC)

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

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**Color**

**Hex(894ADC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	894ADC
RGB	137, 74, 220
RGB Percent	54%, 29%, 86%
CMY	0.4627, 0.7098, 0.1373
CMYK	0.38, 0.66, 0.00, 0.14
HSL	266°, 68%, 58%
HSV	266°, 66%, 86%
XYZ	25.6836, 15.3832, 69.3257
YIQ	109.4810, -9.3180, 58.7620

# Conversions

## Conversions Part 2

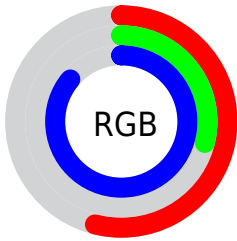
<b>Format</b>	<b>Color</b>
<b>RYB</b>	137, 74, 220
Decimal	8997596
CIELab	46.15, 55.34, -64.89
CIELCh	46, 85.290, 310.459
Yxy	15.3832, 0.2327, 0.1394
Android (android.graphics.Color)	4287187676 (0xFF894ADC)
YUV	109.4810, 54.4859, 24.1342
Hunter-Lab	39.2215, 48.2504, -77.3428

# Details

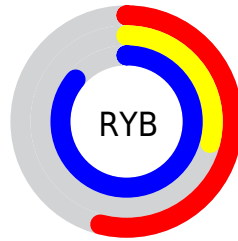
The Hex color **894ADC** is a dark color, and the websafe version is hex **9966FF**. The color can be described as middle muted purple. A complement of this color would be **9DDC4A**, and the grayscale version is **6D6D6D**.

A 20% lighter version of the original color is **C37EFF**, and **4F13A4** is the 20% darker color. If you saturate the color by 10%, you get **7C34DC**, and if you desaturate by 10%, it is **9660DC**.

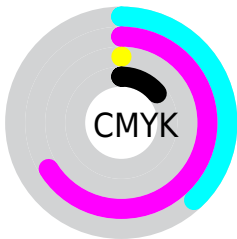
# Distribution



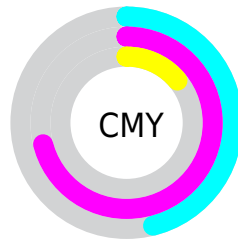
- Red (54%)
- Green (29%)
- Blue (86%)



- Red (54%)
- Yellow (29%)
- Blue (86%)



- Cyan (38%)
- Magenta (66%)
- Yellow (0%)
- Black (14%)



- Cyan (46%)
- Magenta (71%)
- Yellow (14%)

# Brightness & Saturation Gradients

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



894ADC

894ADC

FFFFFF

6C30C0

C37EFF

4F13A4

E19AFF

2F0089

FFB5FF

00006F

FFD1FF

000055

FFEEFF

00063D

000326

00010F

000000

894ADC

894ADC

7C34DC

9660DC

701EDC

A276DC

6308DC

AF8CDC

5F00DC

BBA2DC

C8B8DC

D4CEDC

E1E4DC

EDFADC

FAFFDC

# Harmonies

## Analogous

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



006FFD



894ADC



D1009F

# Triad

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



894ADC



AB5800



008A86

# Complementary

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



894ADC



9DDC4A

# 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.



008739



894ADC



6F7300

# Square

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



894ADC



D5240E



008100



0089CA

# Rectangle

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



894ADC



E30070



008100



00896D



# Sweetspot

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



894ADC



E2CCFF



4A9FDC



6E6180



000000



808080



# Same Dimension

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



894ADC



8B33FF



D04ADC



67636E



4B00AD



14002E



# Inverse Universe

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



DC4A9D



FF33A7



56DC4A



6E6369



AD0063

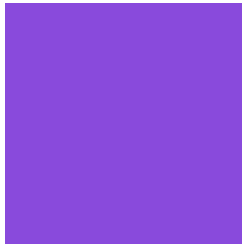


2E001A



# Previews

## White Background



This preview shows how the Hex color 894ADC 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 894ADC Background



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

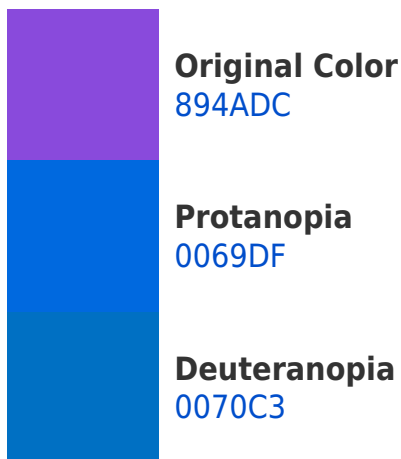



This preview shows how white text looks on a background with the Hex color 894ADC.

# 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](#).

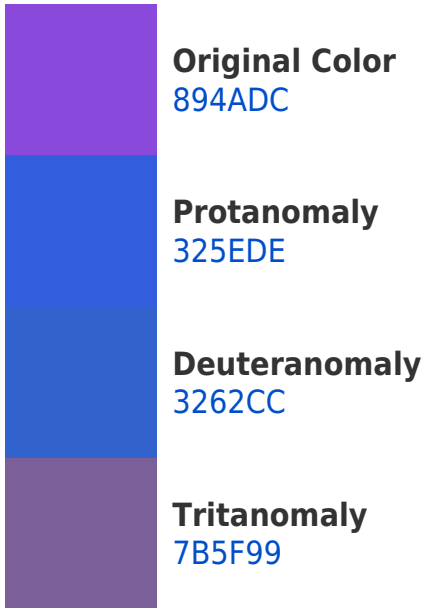
## Dichromacy



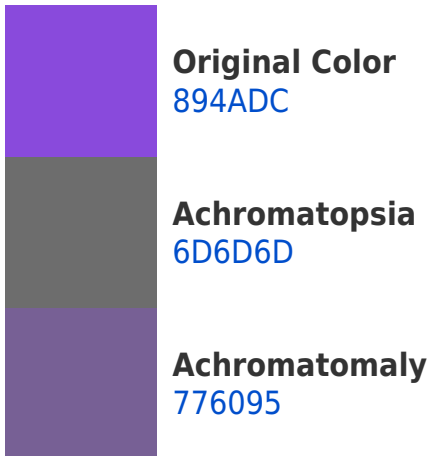


**Tritanopia**  
736B73

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #894ADC colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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