

# Converting Colors

Hex(884FA3)

Have a look what the booklet for  
Hex(884FA3) contains.

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# Color

**Hex(884FA3)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 884FA3                    |
| RGB           | 136, 79, 163              |
| RGB Percent   | 53%, 31%, 64%             |
| CMY           | 0.4667, 0.6902, 0.3608    |
| CMYK          | 0.17, 0.52, 0.00, 0.36    |
| HSL           | 281°, 35%, 47%            |
| HSV           | 281°, 52%, 64%            |
| XYZ           | 19.5602, 13.4705, 36.2195 |
| YIQ           | 105.6190, 7.0080, 38.2080 |

# Conversions

## Conversions Part 2

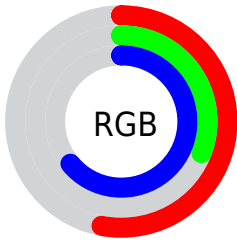
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 136, 79, 163                  |
| Decimal                             | 8933283                       |
| CIE Lab                             | 43.46, 38.89, -36.05          |
| CIE LCh                             | 43, 53.030, 317.167           |
| Yxy                                 | 13.4705, 0.2825,<br>0.1945    |
| Android<br>(android.graphics.Color) | 4287123363<br>(0xFF884FA3)    |
| YUV                                 | 105.6190, 28.2888,<br>26.6441 |
| Hunter-Lab                          | 36.7022, 30.9013,<br>-32.8185 |

# Details

The Hex color **884FA3** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **6AA34F**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **BF82DA**, and **541E6F** is the 20% darker color. If you saturate the color by 10%, you get **833FA3**, and if you desaturate by 10%, it is **8D5FA3**.

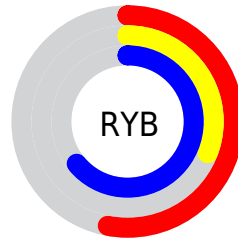
# Distribution



Red (53%)

Green (31%)

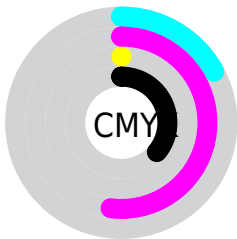
Blue (64%)



Red (53%)

Yellow (31%)

Blue (64%)

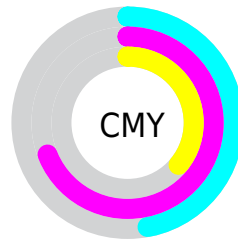


Cyan (17%)

Magenta (52%)

Yellow (0%)

Black (36%)



Cyan (47%)

Magenta (69%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 884FA3 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 884FA3 by changing the saturation by 10% instead.



884FA3

884FA3

FFFFFF

6D3688

BF82DA

541E6F

DC9DF7

3A0356

F9B8FF

23003E

FFD4FF

000028

FFF1FF

000111

000000

884FA3

884FA3

833FA3

8D5FA3

7E2EA3

9270A3

781EA3

9880A3

730EA3

9D90A3

6F00A3

A2A1A3

A7B1A3

ADC1A3

B2D1A3

B7E2A3

# Harmonies

## Analogous

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



3C63BB



884FA3



AC3C7B

# Triad

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



884FA3



8B5E00



007B7F

# Complementary

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



884FA3



6AA34F

# 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.



007A52



884FA3



646C00

# Square

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



884FA3



A84B27



2D7526



0079A7

# Rectangle

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



884FA3



B5395E



2D7526



007B70



# Sweetspot

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



884FA3



C9B4D4



4F6BA3



65586B



EBEBEB



6B6B6B



# Same Dimension

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



884FA3



A950D4



A34F95



4F4952



630091



0C0012



# Inverse Universe

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



A34F6A



D4507B



4FA35D



52494C



91002F

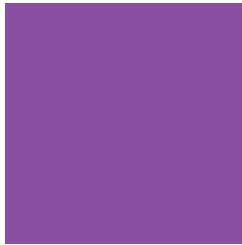


120006



# Previews

## White Background



This preview shows how the Hex color 884FA3 looks on a white background.

## Color Contrast Check

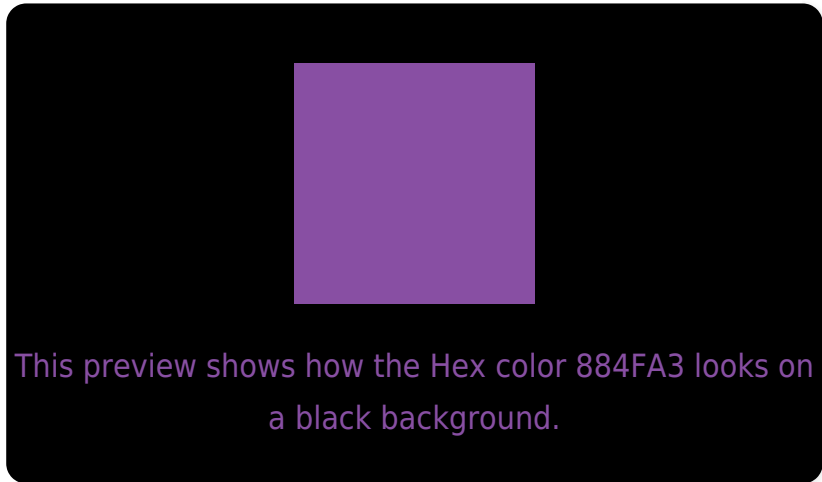
Large Text (above 18pt) WCAG AA ✓ Pass

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

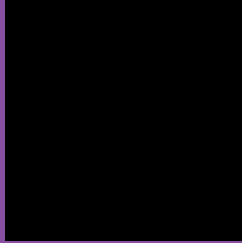
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 884FA3 Background



This preview shows how black text looks on a background with the Hex color 884FA3.

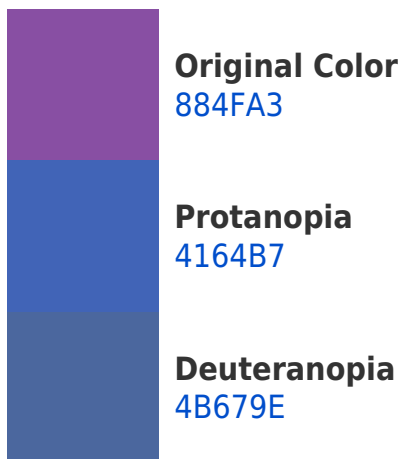


This preview shows how white text looks on a background with the Hex color 884FA3.

# 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](#).

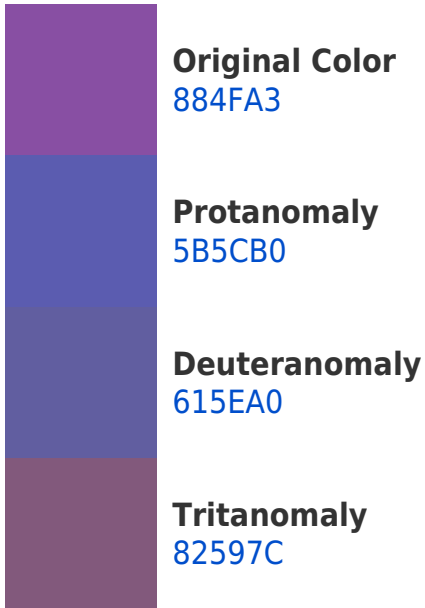
## Dichromacy



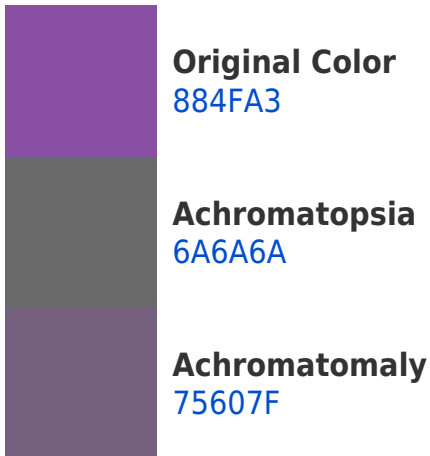


**Tritanopia**  
7F5E65

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 884FA3 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 #884FA3 looks like.

```
.text, #text, p{  
    color:#884FA3  
}
```

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 #884FA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #884FA3  
}
```

## Border

The CSS property to change the border of an element to Hex 884FA3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

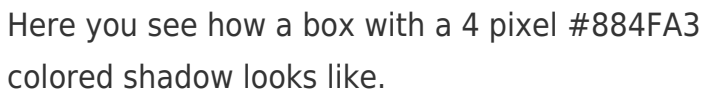
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#884FA3 }
```

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

```
.border{ border-color:#884FA3 }
```

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



Here you see how a box with a 4 pixel #884FA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #884FA3; -webkit-box-shadow:4px 4px  
4px 4px #884FA3; box-shadow:4px 4px 4px  
4px #884FA3 }
```

# Background

The CSS property to change the background color of an element to Hex 884FA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#884FA3 }
```

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

```
.background{ background-color:#884FA3 }
```

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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