

# Converting Colors

Hex(833F94)

Have a look what the booklet for  
Hex(833F94) contains.

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# Color

**Hex(833F94)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	833F94
RGB	131, 63, 148
RGB Percent	51%, 25%, 58%
CMY	0.4863, 0.7529, 0.4196
CMYK	0.11, 0.57, 0.00, 0.42
HSL	288°, 40%, 41%
HSV	288°, 57%, 58%
XYZ	16.4829, 10.5184, 29.1785
YIQ	93.0220, 13.2430, 40.8510

# Conversions

## Conversions Part 2

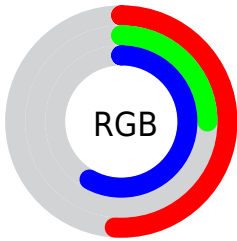
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	131, 63, 148
Decimal	8601492
CIE Lab	38.76, 42.80, -34.53
CIE LCh	39, 54.998, 321.104
Yxy	10.5184, 0.2934, 0.1872
Android (android.graphics.Color)	4286791572 (0xFF833F94)
YUV	93.0220, 27.1042, 33.3067
Hunter-Lab	32.4321, 33.9623, -30.6395

# Details

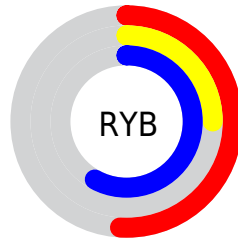
The Hex color **833F94** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **50943F**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **BA72CB**, and **4F0861** is the 20% darker color. If you saturate the color by 10%, you get **803094**, and if you desaturate by 10%, it is **864E94**.

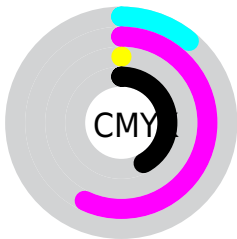
# Distribution



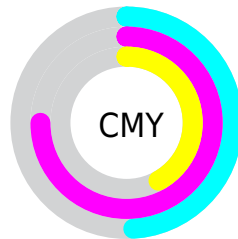
- Red (51%)
- Green (25%)
- Blue (58%)



- Red (51%)
- Yellow (25%)
- Blue (58%)



- Cyan (11%)
- Magenta (57%)
- Yellow (0%)
- Black (42%)



- Cyan (49%)
- Magenta (75%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 833F94 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 833F94 by changing the saturation by 10% instead.



 833F94

 833F94

FFFFFF

 69267A

 BA72CB

 4F0861

 D68CE7

 350048

 F3A8FF

 210032

 FFC3FF

 00011B

 FFE0FF

 000000

 FFFDFF

 833F94

 833F94

 803094

 864E94

7D2194

895D94

7A1394

8C6B94

770494

8F7A94

760094

928994

959894

98A794

9BB594

9EC494

# Harmonies

## Analogous

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



3955AF



833F94



A32A6B

# Triad

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



833F94



7A5500



006F7A

# Complementary

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



833F94



50943F

# 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.



006E4C



833F94



516200

# Square

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



833F94



994113



056A1D



006DA0

# Rectangle

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



833F94



A9284D



056A1D



006F6B



# Sweetspot

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



833F94



B99FBF



3F5094



5D4E61



E0E0E0



616161



# Same Dimension

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



833F94



A53BBF



943F7B



48434A



6E008A



08000A



# Inverse Universe

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



943F50



BF3B56



3F9459



4A4344



8A001C



0A0002



# Previews

## White Background



This preview shows how the Hex color 833F94 looks on a white background.

## Color Contrast Check

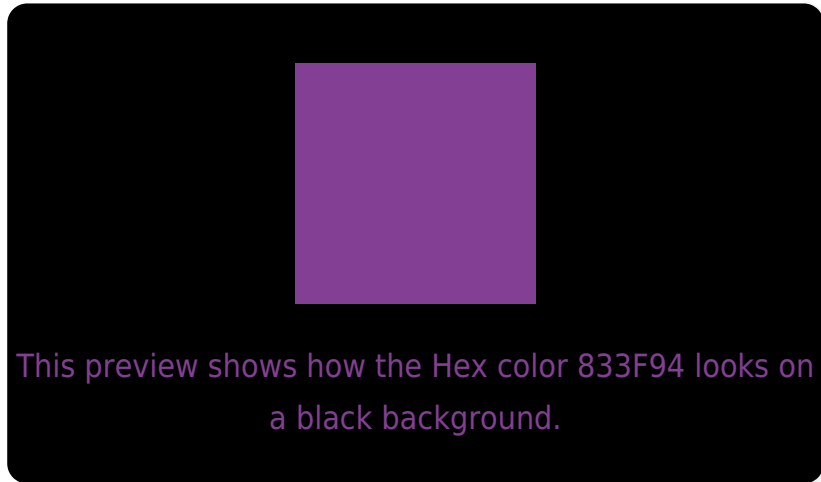
Large Text (above 18pt) WCAG AA ✓ Pass

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 833F94 Background



This preview shows how black text looks on a background with the Hex color 833F94.

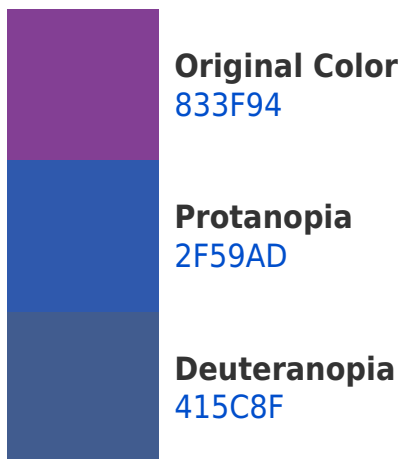


This preview shows how white text looks on a background with the Hex color 833F94.

# 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**  
7A5056

# Trichromacy



**Original Color**  
833F94



**Protanomaly**  
4E50A4



**Deuteranomaly**  
595191



**Tritanomaly**  
7D4A6D

# Monochromacy



**Original Color**  
833F94



**Achromatopsia**  
5D5D5D



**Achromatomaly**  
6B5271

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 833F94 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 #833F94 looks like.

```
.text, #text, p{  
    color:#833F94  
}
```

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 #833F94 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #833F94
}
```

## Border

The CSS property to change the border of an element to Hex 833F94 is called "border". The border property can be set on classes, ids or directly on the HTML element.

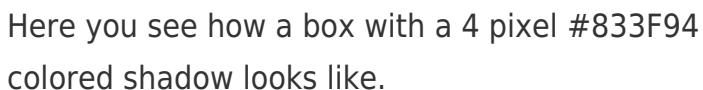
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#833F94 }
```

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

```
.border{ border-color:#833F94 }
```

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



Here you see how a box with a 4 pixel #833F94 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #833F94; -webkit-box-shadow:4px 4px  
4px 4px #833F94; box-shadow:4px 4px 4px  
4px #833F94 }
```

# Background

The CSS property to change the background color of an element to Hex 833F94 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#833F94 }
```

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

```
.background{ background-color:#833F94 }
```

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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