

# Converting Colors

Hex(833C95)

Have a look what the booklet for  
Hex(833C95) contains.

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# Color

**Hex(833C95)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	833C95
RGB	131, 60, 149
RGB Percent	51%, 24%, 58%
CMY	0.4863, 0.7647, 0.4157
CMYK	0.12, 0.60, 0.00, 0.42
HSL	288°, 43%, 41%
HSV	288°, 60%, 58%
XYZ	16.4007, 10.2269, 29.5434
YIQ	91.3750, 13.7470, 42.7310

# Conversions

## Conversions Part 2

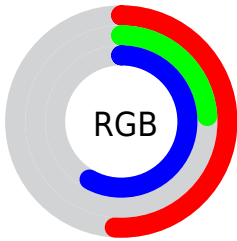
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	131, 60, 149
Decimal	8600725
CIE <sub>Lab</sub>	38.25, 44.54, -35.95
CIE <sub>LCh</sub>	38, 57.239, 321.093
Yxy	10.2269, 0.2920, 0.1821
Android (android.graphics.Color)	4286790805 (0xFF833C95)
YUV	91.3750, 28.4091, 34.7511
Hunter-Lab	31.9796, 35.5795, -32.3875

# Details

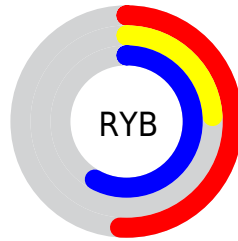
The Hex color **833C95** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **4E953C**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **BA6FCC**, and **4E0362** is the 20% darker color. If you saturate the color by 10%, you get **802D95**, and if you desaturate by 10%, it is **864B95**.

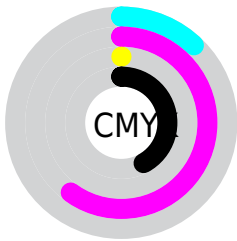
# Distribution



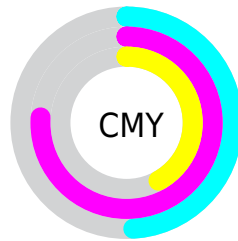
- Red (51%)
- Green (24%)
- Blue (58%)



- Red (51%)
- Yellow (24%)
- Blue (58%)



- Cyan (12%)
- Magenta (60%)
- Yellow (0%)
- Black (42%)



- Cyan (49%)
- Magenta (76%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 833C95 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 833C95 by changing the saturation by 10% instead.



 833C95

 833C95

FFFFFF

 68227B

 BA6FCC

 4E0362

 D78AE8

 350049

 F4A5FF

 200032

 FFC1FF

 00021C

 FFDDFF

 000000

 FFFAFF

 833C95

 833C95

 802D95

 864B95

 7D1E95

 895A95

 7A0F95

 8C6995

 770095

 8F7895

 928795

 959595

 98A495

 9BB395

 9EC295

# Harmonies

## Analogous

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



3354B2



833C95



A4246A

# Triad

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



833C95



795300



006E7A

# Complementary

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



833C95



4E953C

# 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.



006D4A



833C95



4F6100

# Square

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



833C95



993E0E



006A19



006CA2

# Rectangle

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



833C95



AB214B



006A19



006E6B



# Sweetspot

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



833C95



BB9FC2



3C4F95



5D4C61



E0E0E0



616161



# Same Dimension

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



833C95



A636C2



953C7C



48434A



6E008A



08000A



# Inverse Universe

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



953C4E



C23652



3C9555



4A4344



8A001C



0A0002



# Previews

## White Background



This preview shows how the Hex color 833C95 looks on a white background.

## Color Contrast Check

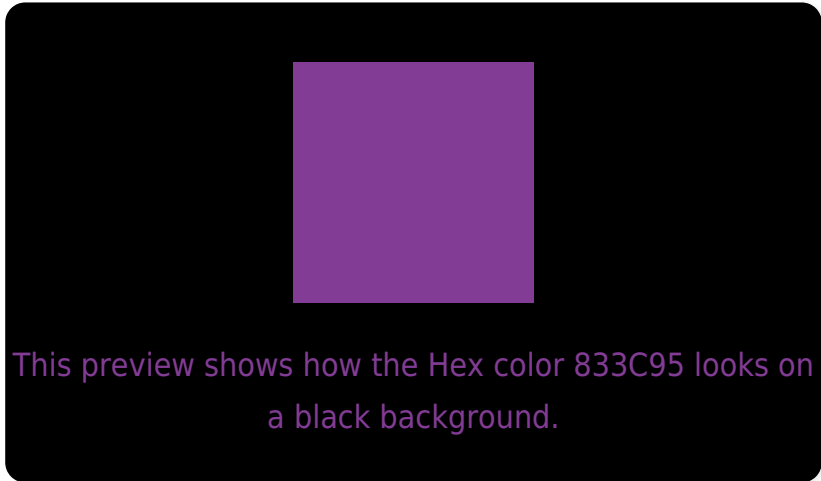
Large Text (above 18pt) WCAG AA ✓ Pass

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

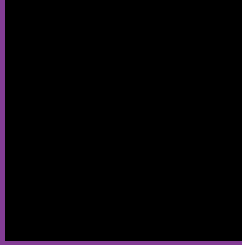
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 833C95 Background



This preview shows how black text looks on a background with the Hex color 833C95.

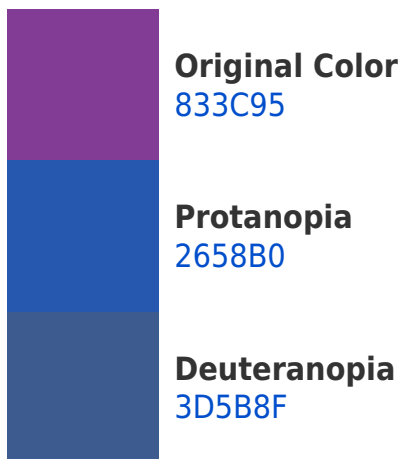



This preview shows how white text looks on a background with the Hex color 833C95.

# 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](#).

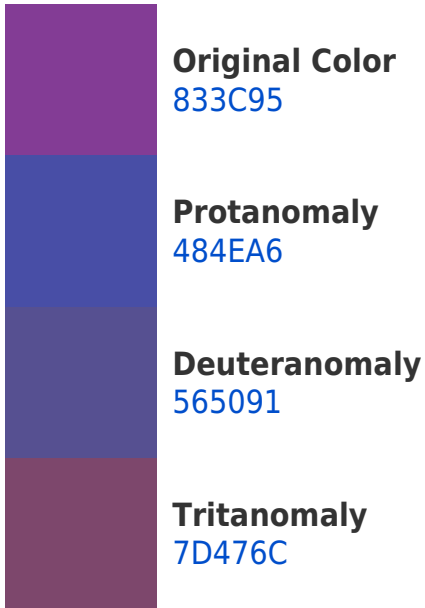
## Dichromacy



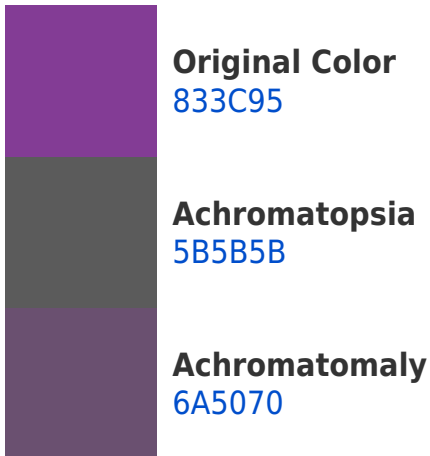


**Tritanopia**  
7A4E54

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 833C95 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 #833C95 looks like.

```
.text, #text, p{  
    color:#833C95  
}
```

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 #833C95 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #833C95
}
```

## Border

The CSS property to change the border of an element to Hex 833C95 is called "border". The border property can be set on classes, ids or directly on the HTML element.

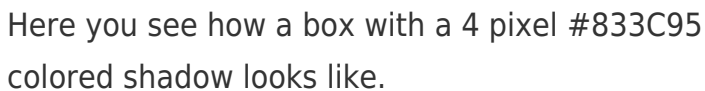
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#833C95 }
```

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

```
.border{ border-color:#833C95 }
```

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



Here you see how a box with a 4 pixel #833C95 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #833C95; -webkit-box-shadow:4px 4px  
4px 4px #833C95; box-shadow:4px 4px 4px  
4px #833C95 }
```

# Background

The CSS property to change the background color of an element to Hex 833C95 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#833C95 }
```

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

```
.background{ background-color:#833C95 }
```

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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