

# Converting Colors

Hex(833995)

Have a look what the booklet for  
Hex(833995) contains.

<b>Hex(833995)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(833995)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	833995
RGB	131, 57, 149
RGB Percent	51%, 22%, 58%
CMY	0.4863, 0.7765, 0.4157
CMYK	0.12, 0.62, 0.00, 0.42
HSL	288°, 45%, 40%
HSV	288°, 62%, 58%
XYZ	16.2480, 9.9215, 29.4924
YIQ	89.6140, 14.5720, 44.3000

# Conversions

## Conversions Part 2

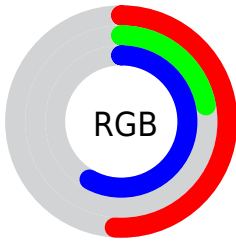
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	131, 57, 149
Decimal	8599957
CIE <sub>Lab</sub>	37.70, 46.03, -36.82
CIE <sub>LCh</sub>	38, 58.939, 321.344
Yxy	9.9215, 0.2919, 0.1782
Android (android.graphics.Color)	4286790037 (0xFF833995)
<b>YUV</b>	89.6140, 29.2773, 36.2955
Hunter-Lab	31.4984, 36.9547, -33.4653

# Details

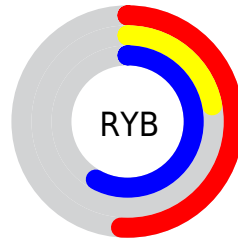
The Hex color **833995** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **4B9539**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **BA6DCC**, and **4E0062** is the 20% darker color. If you saturate the color by 10%, you get **802A95**, and if you desaturate by 10%, it is **864895**.

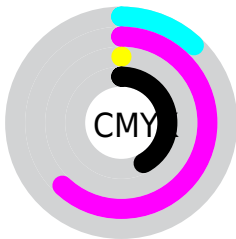
# Distribution



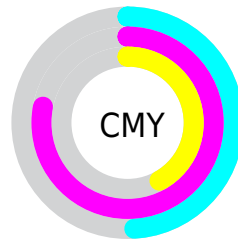
- Red (51%)
- Green (22%)
- Blue (58%)



- Red (51%)
- Yellow (22%)
- Blue (58%)



- Cyan (12%)
- Magenta (62%)
- Yellow (0%)
- Black (42%)



- Cyan (49%)
- Magenta (78%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 833995 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 833995 by changing the saturation by 10% instead.



833995

833995

FFFFFF

681F7B

BA6DCC

4E0062

D787E8

350049

F4A2FF

1F0032

FFBEFF

00011C

FFDAFF

000000

FFF7FF

833995

833995

802A95

864895

7D1B95

895795

7A0C95

8C6695

780095

8F7595

928495

949295

97A195

9AB095

9DBF95

# Harmonies

## Analogous

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



2F52B3



833995



A51E69

# Triad

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



833995



785200



006D7A

# Complementary

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



833995



4B9539

# 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.



006C49



833995



4C6000

# Square

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



833995



993B08



006915



006BA3

# Rectangle

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



833995



AB1B49



006915



006D6A



# Sweetspot

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



833995



BB9DC2



394B95



5D4B61



E0E0E0



616161



# Same Dimension

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



833995



A632C2



953979



49434A



6F008A



08000A



# Inverse Universe

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



95394B



C2324E



399555



4A4344



8A001B



0A0002



# Previews

## White Background



This preview shows how the Hex color 833995 looks on a white background.

## Color Contrast Check

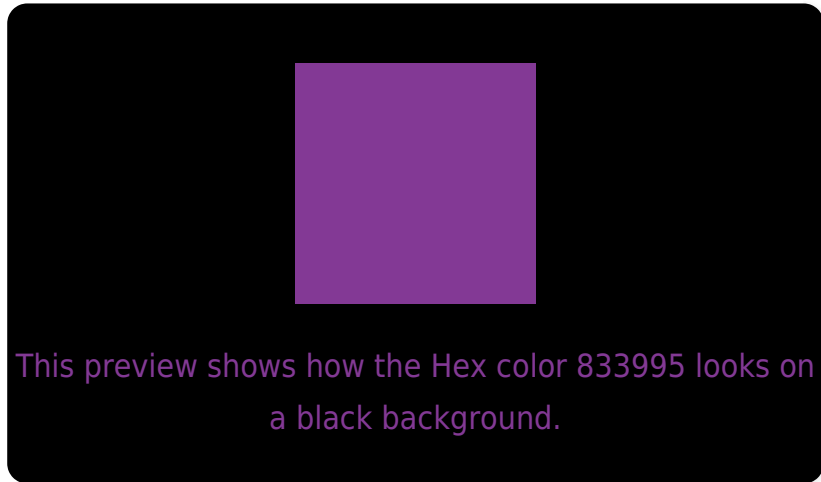
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

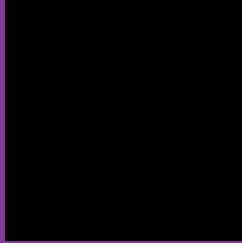
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 833995 Background



This preview shows how black text looks on a background with the Hex color 833995.

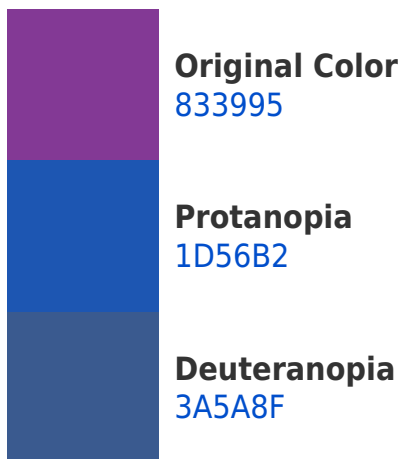



This preview shows how white text looks on a background with the Hex color 833995.

# 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**  
7A4C52

# Trichromacy



**Original Color**  
833995



**Protanomaly**  
424BA7



**Deuteranomaly**  
554E91



**Tritanomaly**  
7D456A

# Monochromacy



**Original Color**  
833995



**Achromatopsia**  
5A5A5A



**Achromatomaly**  
694E6F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 833995 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 #833995 looks like.

```
.text, #text, p{  
    color:#833995  
}
```

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 #833995 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #833995
}
```

## Border

The CSS property to change the border of an element to Hex 833995 is called "border". The border property can be set on classes, ids or directly on the HTML element.

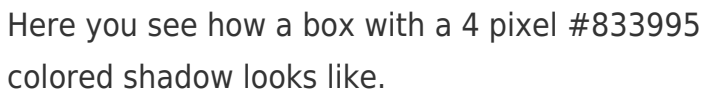
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#833995 }
```

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

```
.border{ border-color:#833995 }
```

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



Here you see how a box with a 4 pixel #833995 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #833995; -webkit-box-shadow:4px 4px  
4px 4px #833995; box-shadow:4px 4px 4px  
4px #833995 }
```

# Background

The CSS property to change the background color of an element to Hex 833995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#833995 }
```

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

```
.background{ background-color:#833995 }
```

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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