

Converting Colors

Hex(833993)

Have a look what the booklet for
Hex(833993) contains.

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Color

Hex(833993)

Conversions

Conversions Part 1

Format	Color
Hex	833993
RGB	131, 57, 147
RGB Percent	51%, 22%, 58%
CMY	0.4863, 0.7765, 0.4235
CMYK	0.11, 0.61, 0.00, 0.42
HSL	289°, 44%, 40%
HSV	289°, 61%, 58%
XYZ	16.0897, 9.8581, 28.6586
YIQ	89.3860, 15.2140, 43.6780

Conversions

Conversions Part 2

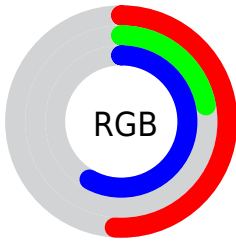
Format	Color
R _Y B	131, 57, 147
Decimal	8599955
CIE Lab	37.59, 45.62, -35.78
CIE LCh	38, 57.975, 321.888
Yxy	9.8581, 0.2946, 0.1805
Android (android.graphics.Color)	4286790035 (0xFF833993)
YUV	89.3860, 28.4037, 36.4955
Hunter-Lab	31.3977, 36.5260, -32.1392

Details

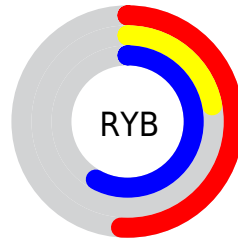
The Hex color **833993** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **499339**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **BA6CC9**, and **4E0060** is the 20% darker color. If you saturate the color by 10%, you get **802A93**, and if you desaturate by 10%, it is **864893**.

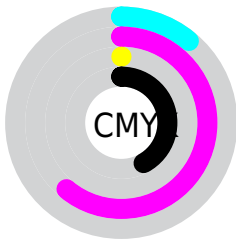
Distribution



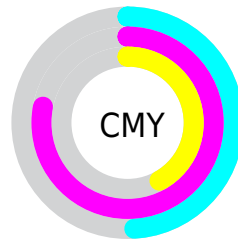
- Red (51%)
- Green (22%)
- Blue (58%)



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



- Cyan (11%)
- Magenta (61%)
- Yellow (0%)
- Black (42%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 833993 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 833993 by changing the saturation by 10% instead.

 833993

 833993

FFFFFF

 681F79

 BA6CC9

 4E0060

 D787E6

 350048

 F4A2FF

 1F0031

 FFBEFF

 00011A

 FFDAFF

 000000

 FFF7FF

 833993

 833993

 802A93

 864893

7E1C93

885693

7B0D93

8B6593

790093

8D7493

908393

939193

95A093

98AF93

9BBD93

Harmonies

Analogous

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



3352B0



833993



A41F67

Triad

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



833993



775200



006D7A

Complementary

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



833993



499339

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.



006C4A



833993



4B6000

Square

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



833993



973C09



006817



006AA2

Rectangle

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



833993



AA1D48



006817



006D6A

Sweetspot

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



833993



B99DBF



394A93



5D4C61



E0E0E0



616161

Same Dimension

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



833993



A634BF



933977



49434A



71008A



08000A

Inverse Universe

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



933949



BF344C



399356



4A4344



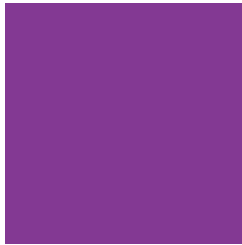
8A0018



0A0002

Previews

White Background



This preview shows how the Hex color 833993 looks on a white background.

Color Contrast Check

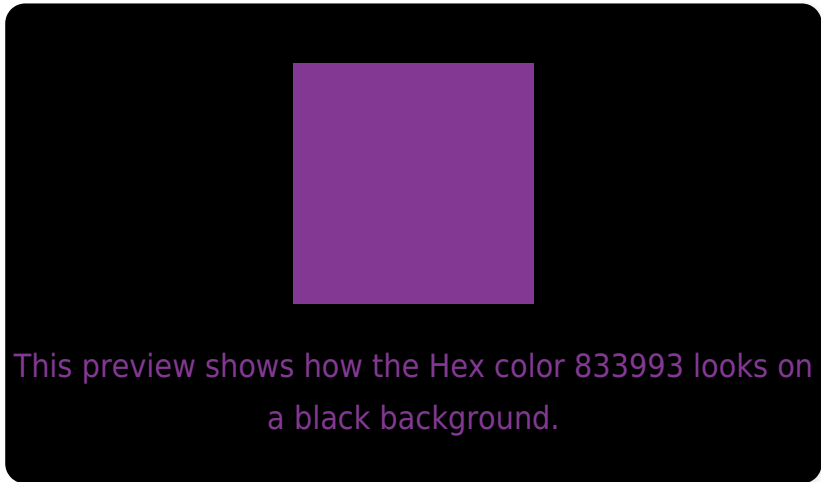
Large Text (above 18pt) WCAG AA ✓ Pass

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

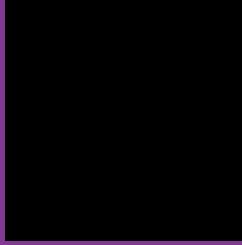
Any Text WCAG AA × Fail

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 833993 Background



This preview shows how black text looks on a background with the Hex color 833993.

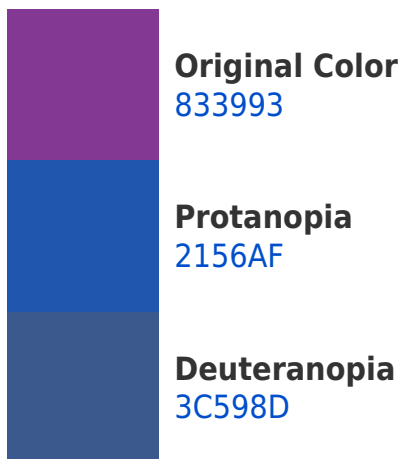


This preview shows how white text looks on a background with the Hex color 833993.

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](#).

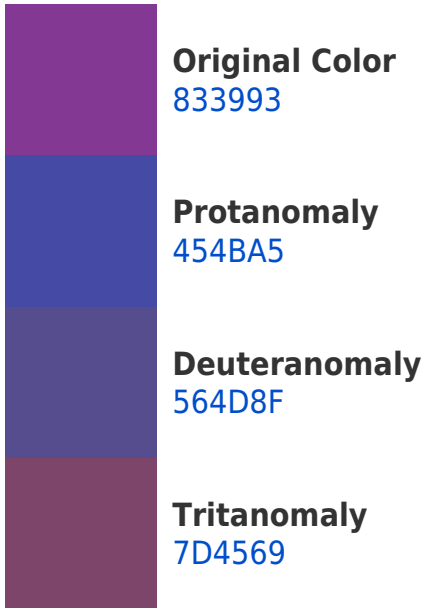
Dichromacy



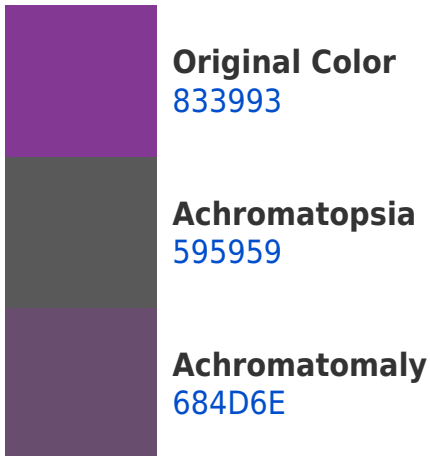


Tritanopia
7A4C51

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 833993 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 #833993 looks like.

```
.text, #text, p{  
    color:#833993  
}
```

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 #833993 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #833993
}
```

Border

The CSS property to change the border of an element to Hex 833993 is called "border". The border property can be set on classes, ids or directly on the HTML element.

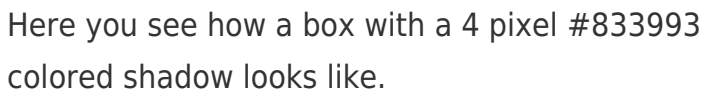
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#833993 }
```

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

```
.border{ border-color:#833993 }
```

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



Here you see how a box with a 4 pixel #833993 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #833993; -webkit-box-shadow:4px 4px  
4px 4px #833993; box-shadow:4px 4px 4px  
4px #833993 }
```

Background

The CSS property to change the background color of an element to Hex 833993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#833993 }
```

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

```
.background{ background-color:#833993 }
```

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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