

Converting Colors

Hex(833A7F)

Have a look what the booklet for
Hex(833A7F) contains.

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Color

Hex(833A7F)

Conversions

Conversions Part 1

Format	Color
Hex	833A7F
RGB	131, 58, 127
RGB Percent	51%, 23%, 50%
CMY	0.4863, 0.7725, 0.5020
CMYK	0.00, 0.56, 0.03, 0.49
HSL	303°, 39%, 37%
HSV	303°, 56%, 51%
XYZ	14.7039, 9.3837, 21.1149
YIQ	87.6930, 21.3590, 36.9350

Conversions

Conversions Part 2

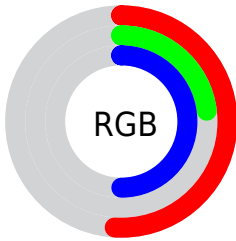
Format	Color
R_{YB}	131, 58, 127
Decimal	8600191
CIE _{Lab}	36.71, 41.20, -24.88
CIE _{LCh}	37, 48.130, 328.874
Yxy	9.3837, 0.3253, 0.2076
Android (android.graphics.Color)	4286790271 (0xFF833A7F)
YUV	87.6930, 19.3784, 37.9802
Hunter-Lab	30.6328, 32.0733, -19.4250

Details

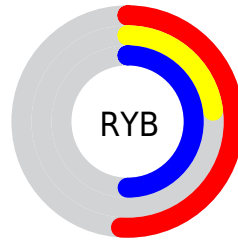
The Hex color **833A7F** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3A833E**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **BA6DB4**, and **4F024E** is the 20% darker color. If you saturate the color by 10%, you get **832D7E**, and if you desaturate by 10%, it is **834780**.

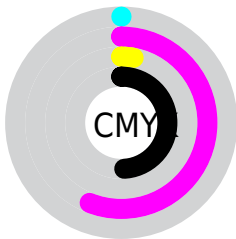
Distribution



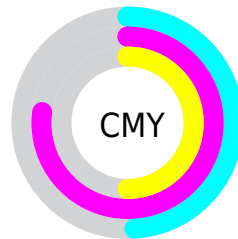
- Red (51%)
- Green (23%)
- Blue (50%)



- Red (51%)
- Yellow (23%)
- Blue (50%)



- Cyan (0%)
- Magenta (56%)
- Yellow (3%)
- Black (49%)



- Cyan (49%)
- Magenta (77%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color 833A7F 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 833A7F by changing the saturation by 10% instead.

 833A7F

 833A7F

FFFFFF

 692066

 BA6DB4

 4F024E

 D687D0

 360036

 F3A2EC

 200021

 FFBEFF

 000005

 FFDAFF

 000000

 FFF7FF

 833A7F

 833A7F

 832D7E

 834780

83207E

835480

83137D

836181

83067C

836E82

83007C

837B83

838983

839684

83A385

83B085

Harmonies

Analogous

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



514D9B



833A7F



992D5A

Triad

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



833A7F



6A5400



00687B

Complementary

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



833A7F



3A833E

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.



006854



833A7F



445F04

Square

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



833A7F



874510



00652C



006498

Rectangle

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



833A7F



9B2F40



00652C



00686E

Sweetspot

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



833A7F



AB8EA9



3E3A83



574556



D6D6D6



575757

Same Dimension

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



833A7F



AB38A5



833A5B



423C42



82007B



030002

Inverse Universe

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



833A7F



AB38A5



3A8362



423C42



82007B



030002

Previews

White Background



This preview shows how the Hex color 833A7F looks on a white background.

Color Contrast Check

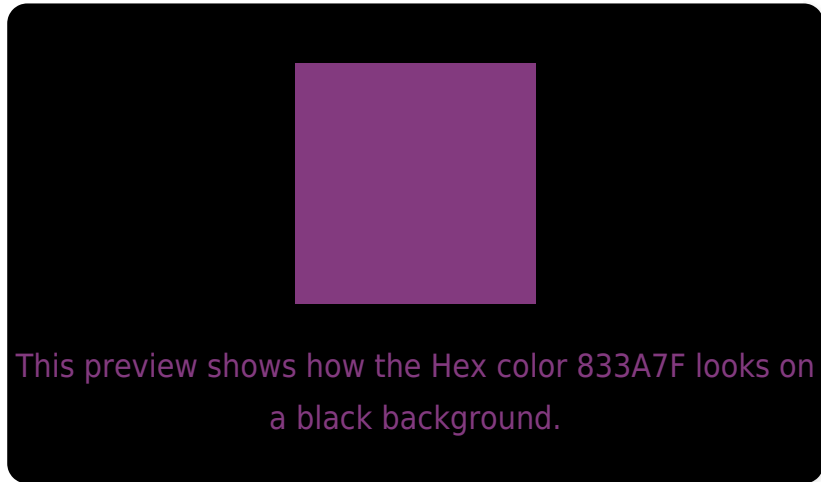
Large Text (above 18pt) WCAG AA ✓ Pass

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

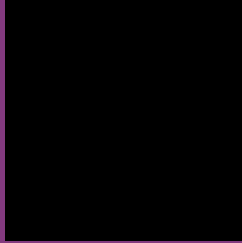
Any Text WCAG AA × Fail

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 833A7F Background



This preview shows how black text looks on a background with the Hex color 833A7F.

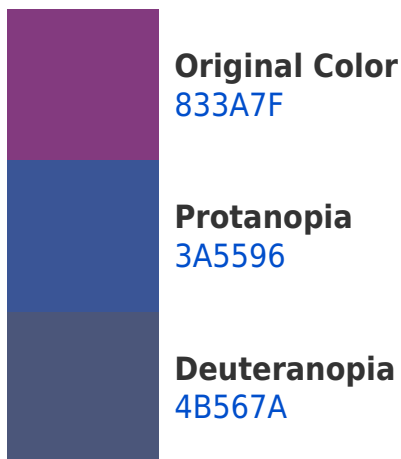



This preview shows how white text looks on a background with the Hex color 833A7F.

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](#).

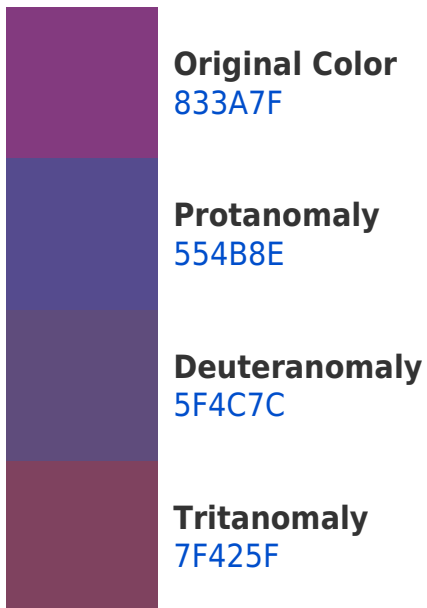
Dichromacy



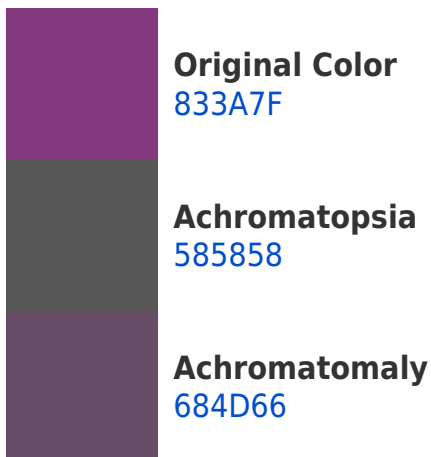


Tritanopia
7D474C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 833A7F 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 #833A7F looks like.

```
.text, #text, p{  
    color:#833A7F  
}
```

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 #833A7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #833A7F
}
```

Border

The CSS property to change the border of an element to Hex 833A7F is called "border". The border property can be set on classes, ids or directly on the HTML element.

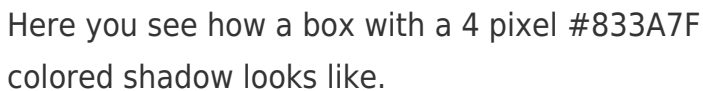
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#833A7F }
```

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

```
.border{ border-color:#833A7F }
```

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



Here you see how a box with a 4 pixel #833A7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #833A7F; -webkit-box-shadow:4px 4px  
4px 4px #833A7F; box-shadow:4px 4px 4px  
4px #833A7F }
```

Background

The CSS property to change the background color of an element to Hex 833A7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#833A7F }
```

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

```
.background{ background-color:#833A7F }
```

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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