

Converting Colors

Hex(833F8E)

Have a look what the booklet for
Hex(833F8E) contains.

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Color

Hex(833F8E)

Conversions

Conversions Part 1

Format	Color
Hex	833F8E
RGB	131, 63, 142
RGB Percent	51%, 25%, 56%
CMY	0.4863, 0.7529, 0.4431
CMYK	0.08, 0.56, 0.00, 0.44
HSL	292°, 39%, 40%
HSV	292°, 56%, 56%
XYZ	16.0201, 10.3333, 26.7414
YIQ	92.3380, 15.1690, 38.9850

Conversions

Conversions Part 2

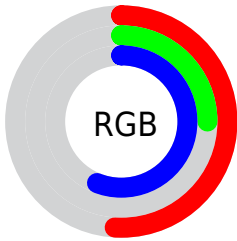
Format	Color
R_{YB}	131, 63, 142
Decimal	8601486
CIE _{Lab}	38.43, 41.56, -31.40
CIE _{LCh}	38, 52.088, 322.933
Yxy	10.3333, 0.3017, 0.1946
Android (android.graphics.Color)	4286791566 (0xFF833F8E)
YUV	92.3380, 24.4834, 33.9066
Hunter-Lab	32.1455, 32.7030, -26.8207

Details

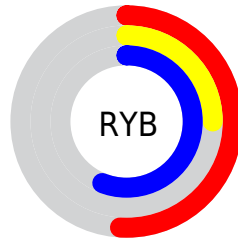
The Hex color **833F8E** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **4A8E3F**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **BA72C4**, and **4F095B** is the 20% darker color. If you saturate the color by 10%, you get **81318E**, and if you desaturate by 10%, it is **854D8E**.

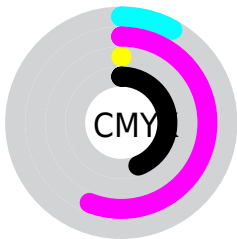
Distribution



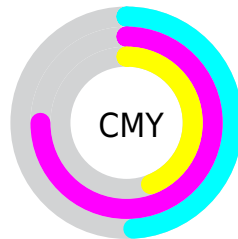
- Red (51%)
- Green (25%)
- Blue (56%)



- Red (51%)
- Yellow (25%)
- Blue (56%)



- Cyan (8%)
- Magenta (56%)
- Yellow (0%)
- Black (44%)



- Cyan (49%)
- Magenta (75%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 833F8E 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 833F8E by changing the saturation by 10% instead.

833F8E

833F8E

FFFFFF

692674

BA72C4

4F095B

D68CE0

360043

F3A7FD

21002D

FFC3FF

000117

FFDFFF

000000

FFFCFF

833F8E

833F8E

81318E

854D8E

 7F238E

 875B8E

 7D148E

 896A8E

 7B068E

 8B788E

 7A008E

 8D868E

 8F948E

 91A28E

 93B18E

 95BF8E

Harmonies

Analogous

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



4354A9



833F8E



A02D66

Triad

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



833F8E



765500



006D7A

Complementary

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



833F8E



4A8E3F

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.



006D4F



833F8E



4F6200

Square

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



833F8E



944315



066923



006B9E

Rectangle

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



833F8E



A52C4A



066923



006E6C

Sweetspot

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



833F8E



B398B8



3F4B8E



59495C



DBDBDB



5C5C5C

Same Dimension

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



833F8E



A63DB8



8E3F72



464047



740087



070008

Inverse Universe

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



8E3F4A



B83D4E



3F8E5B



474041



870013



080001

Previews

White Background



This preview shows how the Hex color 833F8E looks on a white background.

Color Contrast Check

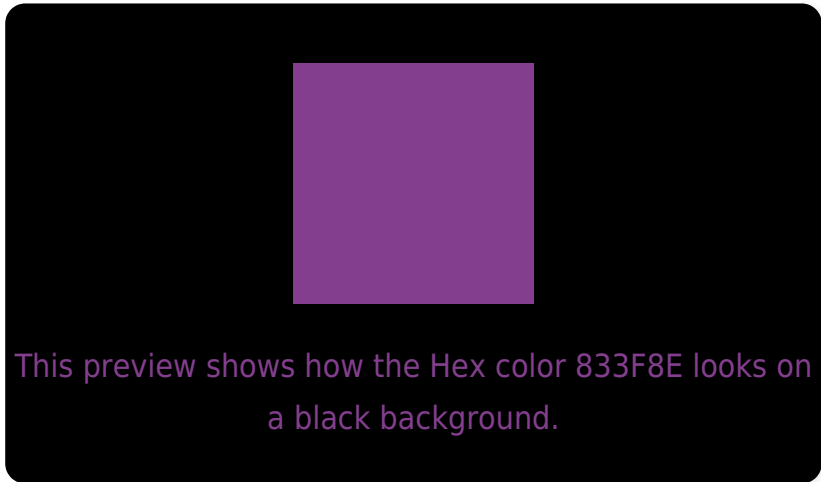
Large Text (above 18pt) WCAG AA ✓ Pass

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 833F8E Background



This preview shows how black text looks on a background with the Hex color 833F8E.

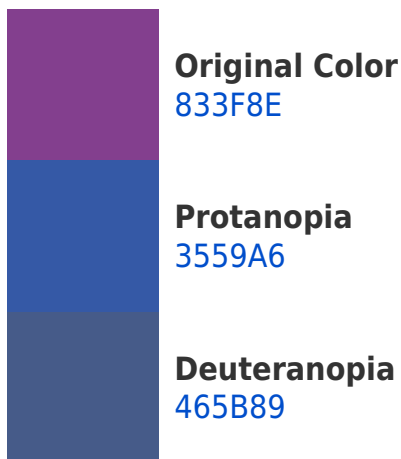


This preview shows how white text looks on a background with the Hex color 833F8E.

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
7B4E54

Trichromacy



Original Color
833F8E



Protanomaly
51509D



Deuteranomaly
5C518B



Tritanomaly
7E4969

Monochromacy



Original Color
833F8E



Achromatopsia
5C5C5C



Achromatomaly
6A516E

CSS Examples

Text

The CSS property to change the color of the text to Hex 833F8E 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 #833F8E looks like.

```
.text, #text, p{  
    color:#833F8E  
}
```

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 #833F8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #833F8E
}
```

Border

The CSS property to change the border of an element to Hex 833F8E is called "border". The border property can be set on classes, ids or directly on the HTML element.

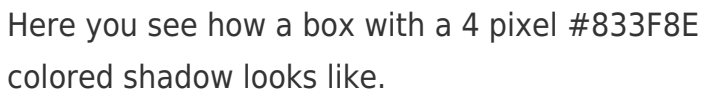
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#833F8E }
```

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

```
.border{ border-color:#833F8E }
```

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



Here you see how a box with a 4 pixel #833F8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #833F8E; -webkit-box-shadow:4px 4px  
4px 4px #833F8E; box-shadow:4px 4px 4px  
4px #833F8E }
```

Background

The CSS property to change the background color of an element to Hex 833F8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#833F8E }
```

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

```
.background{ background-color:#833F8E }
```

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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