

Converting Colors

Hex(833E7B)

Have a look what the booklet for
Hex(833E7B) contains.

| | |
|--|----|
| Hex(833E7B) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(833E7B)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 833E7B |
| RGB | 131, 62, 123 |
| RGB Percent | 51%, 24%, 48% |
| CMY | 0.4863, 0.7569, 0.5176 |
| CMYK | 0.00, 0.53, 0.06, 0.49 |
| HSL | 307°, 36%, 38% |
| HSV | 307°, 53%, 51% |
| XYZ | 14.6578, 9.7006, 19.8387 |
| YIQ | 89.5850, 21.5430, 33.5990 |

Conversions

Conversions Part 2

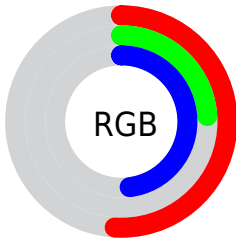
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 131, 62, 123 |
| Decimal | 8601211 |
| CIE _{Lab} | 37.30, 38.39, -21.49 |
| CIE _{LCh} | 37, 43.995, 330.765 |
| Yxy | 9.7006, 0.3316, 0.2195 |
| Android (android.graphics.Color) | 4286791291 (0xFF833E7B) |
| YUV | 89.5850, 16.4736, 36.3210 |
| Hunter-Lab | 31.1458, 29.5006, -15.9635 |

Details

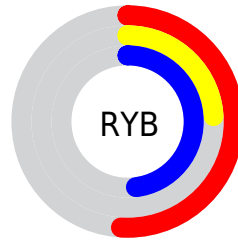
The Hex color **833E7B** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3E8346**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **BA71B0**, and **4F094A** is the 20% darker color. If you saturate the color by 10%, you get **833179**, and if you desaturate by 10%, it is **834B7D**.

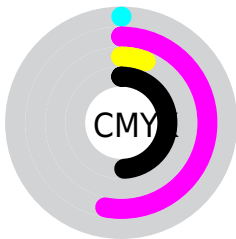
Distribution



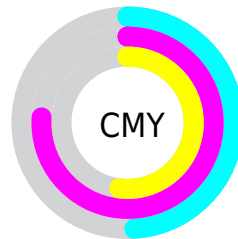
- Red (51%)
- Green (24%)
- Blue (48%)



- Red (51%)
- Yellow (24%)
- Blue (48%)



- Cyan (0%)
- Magenta (53%)
- Yellow (6%)
- Black (49%)



- Cyan (49%)
- Magenta (76%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 833E7B 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 833E7B by changing the saturation by 10% instead.

 833E7B

 833E7B

FFFFFF

 692562

 BA71B0

 4F094A

 D68BCB

 370033

 F3A6E7

 21001E

 FFC1FF

 000000

 FFDEFF

 FFFBFF

 833E7B

 833E7B

 833179

 834B7D

■ 832478

■ 83587E

■ 831776

■ 836580

■ 830A75

■ 837281

■ 830074

■ 838083

■ 838D84

■ 839A86

■ 83A787

■ 83B489

Harmonies

Analogous

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



584E95



833E7B



963558

Triad

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



833E7B



695604



00687B

Complementary

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



833E7B



3E8346

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.



006858



833E7B



456013

Square

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



833E7B



844918



006633



006495

Rectangle

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



833E7B



973741



006633



006870

Sweetspot

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



833E7B



AB90A8



453E83



574655



D6D6D6



575757

Same Dimension

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



833E7B



AB3F9E



833E5A



423C42



820073



030002

Inverse Universe

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



833E7B



AB3F9E



3E8367



423C42



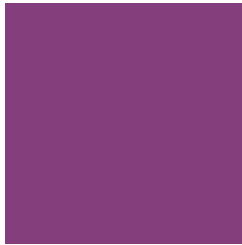
820073



030002

Previews

White Background



This preview shows how the Hex color 833E7B looks on a white background.

Color Contrast Check

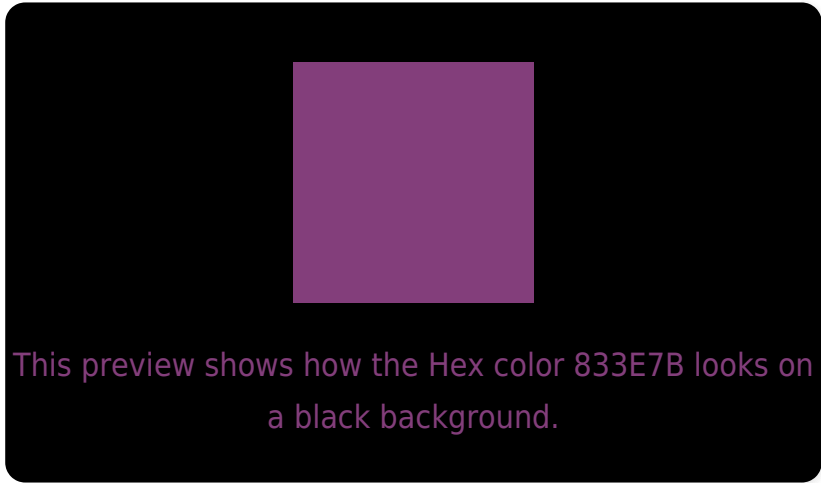
Large Text (above 18pt) WCAG AA ✓ Pass

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 833E7B Background



This preview shows how black text looks on a background with the Hex color 833E7B.




This preview shows how white text looks on a background with the Hex color 833E7B.

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
7E494E

Trichromacy



Original Color
833E7B

Protanomaly
5A4E88

Deuteranomaly
634E78

Tritanomaly
80455E

Monochromacy



Original Color
833E7B

Achromatopsia
5A5A5A

Achromatomaly
695066

CSS Examples

Text

The CSS property to change the color of the text to Hex 833E7B 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 #833E7B looks like.

```
.text, #text, p{  
    color:#833E7B  
}
```

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 #833E7B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #833E7B  
}
```

Border

The CSS property to change the border of an element to Hex 833E7B 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  
#833E7B }
```

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

```
.border{ border-color:#833E7B }
```

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

Here you see how a box with a 4 pixel #833E7B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #833E7B; -webkit-box-shadow:4px 4px  
4px 4px #833E7B; box-shadow:4px 4px 4px  
4px #833E7B }
```

Background

The CSS property to change the background color of an element to Hex 833E7B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#833E7B }
```

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

```
.background{ background-color:#833E7B }
```

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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