

Converting Colors

Hex(833A80)

Have a look what the booklet for
Hex(833A80) contains.

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Color

Hex(833A80)

Conversions

Conversions Part 1

Format	Color
Hex	833A80
RGB	131, 58, 128
RGB Percent	51%, 23%, 50%
CMY	0.4863, 0.7725, 0.4980
CMYK	0.00, 0.56, 0.02, 0.49
HSL	302°, 39%, 37%
HSV	302°, 56%, 51%
XYZ	14.7694, 9.4099, 21.4599
YIQ	87.8070, 21.0380, 37.2460

Conversions

Conversions Part 2

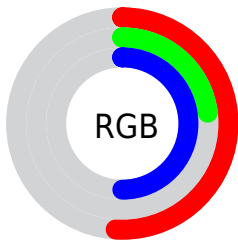
Format	Color
R_{YB}	131, 58, 128
Decimal	8600192
CIE _{Lab}	36.76, 41.39, -25.42
CIE _{LCh}	37, 48.572, 328.440
Yxy	9.4099, 0.3236, 0.2062
Android (android.graphics.Color)	4286790272 (0xFF833A80)
YUV	87.8070, 19.8151, 37.8803
Hunter-Lab	30.6756, 32.2603, -20.0050

Details

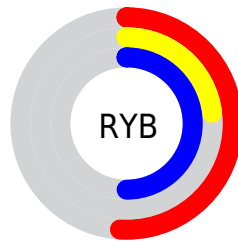
The Hex color **833A80** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3A833D**, and the grayscale version is **585858**.

A 20% lighter version of the original color is **BA6DB5**, and **4F024E** is the 20% darker color. If you saturate the color by 10%, you get **832D7F**, and if you desaturate by 10%, it is **834781**.

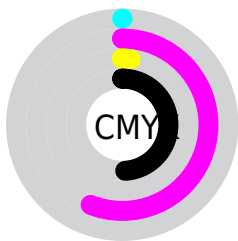
Distribution



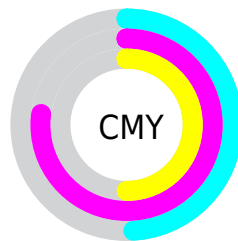
- Red (51%)
- Green (23%)
- Blue (50%)



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



- Cyan (0%)
- Magenta (56%)
- Yellow (2%)
- Black (49%)



- Cyan (49%)
- Magenta (77%)
- Yellow (50%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 833A80 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 833A80 by changing the saturation by 10% instead.

 833A80

 833A80

FFFFFF

 692067

 BA6DB5

 4F024E

 D687D1

 360037

 F3A2ED

 200022

 FFBEFF

 000006

 FFDAFF

 000000

 FFF7FF

 833A80

 833A80

 832D7F

 834781

83207F

835481

83137E

836182

83067E

836E82

83007E

837B83

838983

839684

83A384

83B085

Harmonies

Analogous

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



504D9C



833A80



992D5A

Triad

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



833A80



6A5400



00687B

Complementary

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



833A80



3A833D

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.



006853



833A80



445F02

Square

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



833A80



884410



00652B



006599

Rectangle

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



833A80



9C2F40



00652B



00686E

Sweetspot

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



833A80



AB8EAA



3C3A83



574556



D6D6D6



575757

Same Dimension

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



833A80



AB38A6



833A5C



423C42



82007D



030002

Inverse Universe

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



833A80



AB38A6



3A8361



423C42



82007D



030002

Previews

White Background



This preview shows how the Hex color 833A80 looks on a white background.

Color Contrast Check

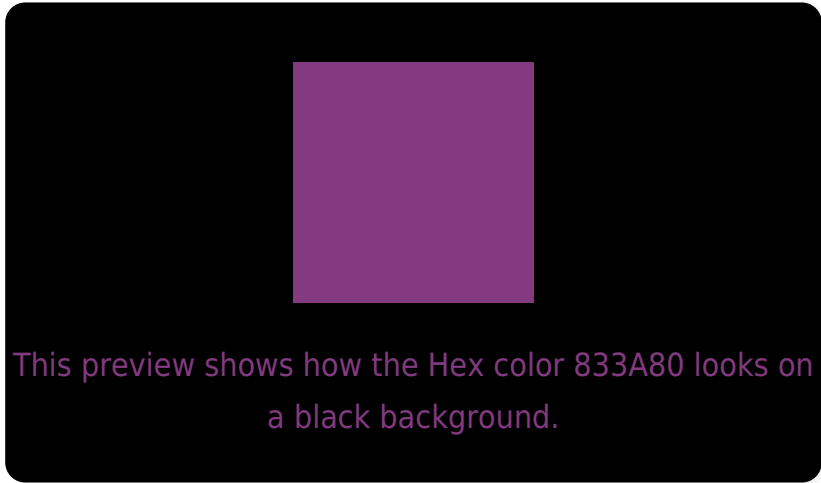
Large Text (above 18pt) WCAG AA ✓ Pass

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

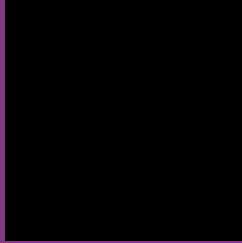
Any Text WCAG AA × Fail

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 833A80 Background



This preview shows how black text looks on a background with the Hex color 833A80.

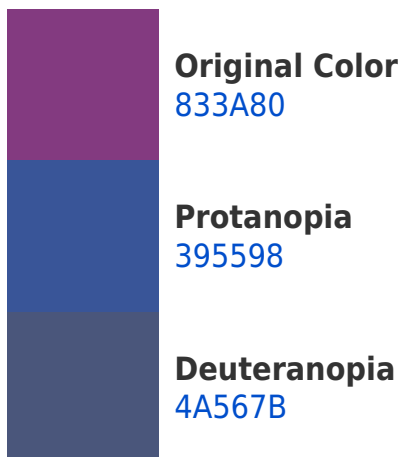


This preview shows how white text looks on a background with the Hex color 833A80.

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
7D474D

Trichromacy



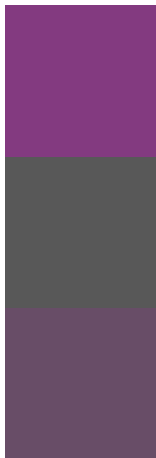
Original Color
833A80

Protanomaly
544B8F

Deuteranomaly
5F4C7D

Tritanomaly
7F4260

Monochromacy



Original Color
833A80

Achromatopsia
585858

Achromatomaly
684D67

CSS Examples

Text

The CSS property to change the color of the text to Hex 833A80 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 #833A80 looks like.

```
.text, #text, p{  
    color:#833A80  
}
```

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 #833A80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #833A80
}
```

Border

The CSS property to change the border of an element to Hex 833A80 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
#833A80 }
```

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

```
.border{ border-color:#833A80 }
```

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

Here you see how a box with a 4 pixel #833A80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #833A80; -webkit-box-shadow:4px 4px  
4px 4px #833A80; box-shadow:4px 4px 4px  
4px #833A80 }
```

Background

The CSS property to change the background color of an element to Hex 833A80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#833A80 }
```

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

```
.background{ background-color:#833A80 }
```

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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