

Converting Colors

Hex(833B58)

Have a look what the booklet for
Hex(833B58) contains.

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Color

Hex(833B58)

Conversions

Conversions Part 1

Format	Color
Hex	833B58
RGB	131, 59, 88
RGB Percent	51%, 23%, 35%
CMY	0.4863, 0.7686, 0.6549
CMYK	0.00, 0.55, 0.33, 0.49
HSL	336°, 38%, 37%
HSV	336°, 55%, 51%
XYZ	12.6855, 8.6578, 10.2350
YIQ	83.8340, 33.6030, 24.2830

Conversions

Conversions Part 2

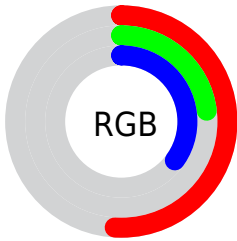
Format	Color
R_{YB}	131, 59, 88
Decimal	8600408
CIE Lab	35.32, 34.33, -2.46
CIE LCh	35, 34.415, 355.902
Yxy	8.6578, 0.4017, 0.2742
Android (android.graphics.Color)	4286790488 (0xFF833B58)
YUV	83.8340, 2.0538, 41.3646
Hunter-Lab	29.4241, 25.4636, -0.0268

Details

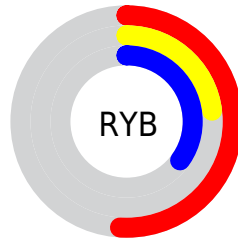
The Hex color **833B58** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **3B8366**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **BA6D8A**, and **4E072B** is the 20% darker color. If you saturate the color by 10%, you get **832E50**, and if you desaturate by 10%, it is **834860**.

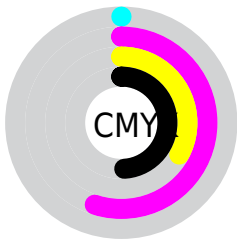
Distribution



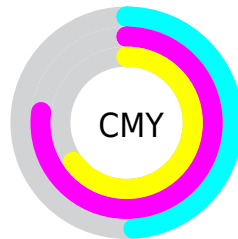
- Red (51%)
- Green (23%)
- Blue (35%)



- Red (51%)
- Yellow (23%)
- Blue (35%)



- Cyan (0%)
- Magenta (55%)
- Yellow (33%)
- Black (49%)



- Cyan (49%)
- Magenta (77%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 833B58 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 833B58 by changing the saturation by 10% instead.

 833B58

 833B58

FFFFFF

 682341

 BA6D8A

 4E072B

 D787A4

 360016

 F4A2BF

 1B0001

 FFBDDB

 000000

 FFDAF7

 FFF6FF

 833B58

 833B58

 832E50

 834860

 832148

 835568

 831441

 83626F


 830739

 836F77

 830035

 837D7F

 838A87

 83978F

 83A497

 83B19E

Harmonies

Analogous

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



714272



833B58



853D3D

Triad

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



833B58



4B591F



005E80

Complementary

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



833B58



3B8366

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.



00606A



833B58



275E33

Square

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



833B58



665019



00604E



00578A

Rectangle

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



833B58



7F432D



00604E



005F7A

Sweetspot

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



833B58



AB909B



653B83



57464D



D6D6D6



575757

Same Dimension

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



833B58



AB3A68



83413B



423C3E



820034



030001

Inverse Universe

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



833B58



AB3A68



3B7D83



423C3E



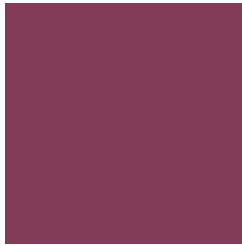
820034



030001

Previews

White Background



This preview shows how the Hex color 833B58 looks on a white background.

Color Contrast Check

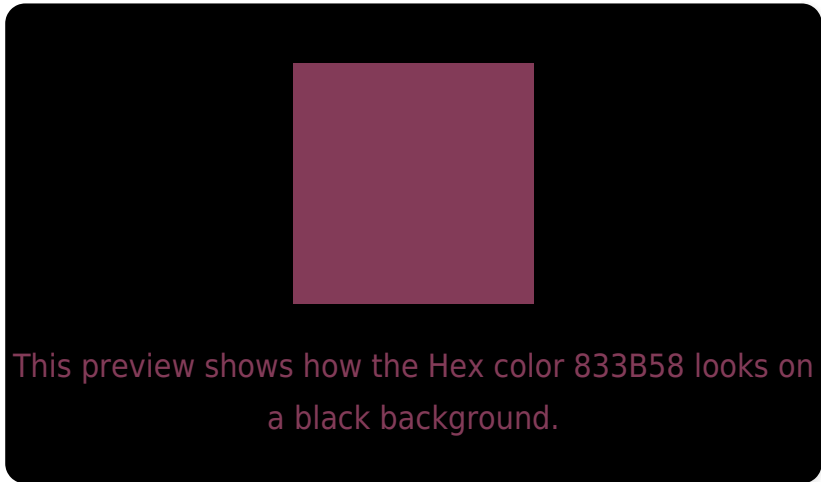
Large Text (above 18pt) WCAG AA ✓ Pass

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

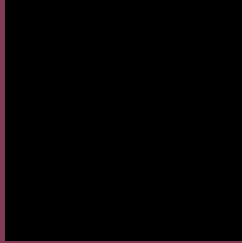
Any Text WCAG AA × Fail

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 833B58 Background



This preview shows how black text looks on a background with the Hex color 833B58.

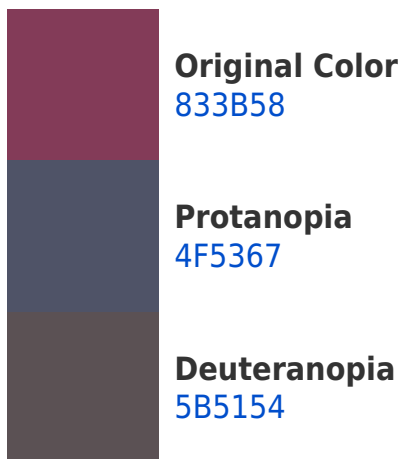


This preview shows how white text looks on a background with the Hex color 833B58.

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
813F44

Trichromacy



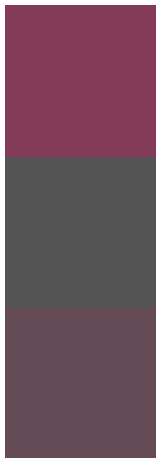
Original Color
833B58

Protanomaly
624A62

Deuteranomaly
6A4955

Tritanomaly
823E4B

Monochromacy



Original Color
833B58

Achromatopsia
545454

Achromatomaly
654B55

CSS Examples

Text

The CSS property to change the color of the text to Hex 833B58 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 #833B58 looks like.

```
.text, #text, p{  
    color:#833B58  
}
```

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 #833B58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #833B58
}
```

Border

The CSS property to change the border of an element to Hex 833B58 is called "border". The border property can be set on classes, ids or directly on the HTML element.

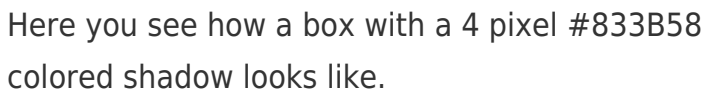
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#833B58 }
```

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

```
.border{ border-color:#833B58 }
```

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



Here you see how a box with a 4 pixel #833B58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #833B58; -webkit-box-shadow:4px 4px  
4px 4px #833B58; box-shadow:4px 4px 4px  
4px #833B58 }
```

Background

The CSS property to change the background color of an element to Hex 833B58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#833B58 }
```

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

```
.background{ background-color:#833B58 }
```

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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