

Converting Colors

Hex(83313B)

Have a look what the booklet for
Hex(83313B) contains.

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Color

Hex(83313B)

Conversions

Conversions Part 1

Format	Color
Hex	83313B
RGB	131, 49, 59
RGB Percent	51%, 19%, 23%
CMY	0.4863, 0.8078, 0.7686
CMYK	0.00, 0.63, 0.55, 0.49
HSL	353°, 46%, 35%
HSV	353°, 63%, 51%
XYZ	11.2478, 7.3377, 4.9612
YIQ	74.6580, 45.6620, 20.4940

Conversions

Conversions Part 2

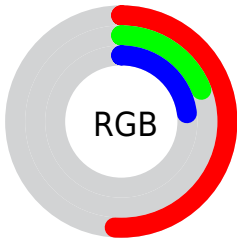
Format	Color
R_{YB}	131, 49, 59
Decimal	8597819
CIE Lab	32.56, 36.15, 12.30
CIE LCh	33, 38.186, 18.785
Yxy	7.3377, 0.4777, 0.3116
Android (android.graphics.Color)	4286787899 (0xFF83313B)
YUV	74.6580, -7.7194, 49.4119
Hunter-Lab	27.0882, 26.7142, 8.1028

Details

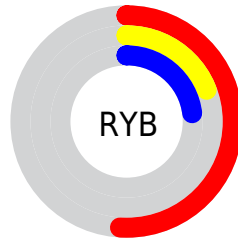
The Hex color **83313B** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **318379**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **BC636A**, and **4D0011** is the 20% darker color. If you saturate the color by 10%, you get **83242F**, and if you desaturate by 10%, it is **833E47**.

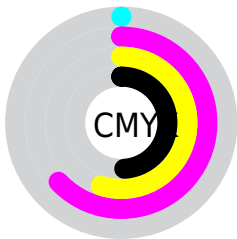
Distribution



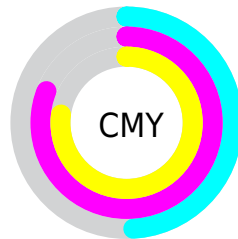
- Red (51%)
- Green (19%)
- Blue (23%)



- Red (51%)
- Yellow (19%)
- Blue (23%)



- Cyan (0%)
- Magenta (63%)
- Yellow (55%)
- Black (49%)



- Cyan (49%)
- Magenta (81%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 83313B 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 83313B by changing the saturation by 10% instead.

 83313B

 83313B

FFFFFF

 671725

 BC636A

 4D0011

 D97D83

 340000

 F7989D

 0B0000

 FF83B8

 000000

 FFCFD4

 FFECF0

 83313B

 83313B

 83242F

 833E47

■ 831724

■ 834B52

■ 830A18

■ 83585E

■ 830010

■ 836569

■ 837275

■ 838080

■ 838D8C

■ 839A97

■ 83A7A3

Harmonies

Analogous

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



7D3159



83313B



7A3B20

Triad

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



83313B



255723



005388

Complementary

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



83313B



318379

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.



005979



83313B



005A40

Square

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



83313B



4A510C



005B5F



374986

Rectangle

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



83313B



6D4311



005B5F



005684

Sweetspot

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



83313B



AB8A8E



783183



574345



D6D6D6



575757

Same Dimension

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



83313B



AB2B3A



834F31



423C3C



820010



030000

Inverse Universe

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



83313B



AB2B3A



316583



423C3C



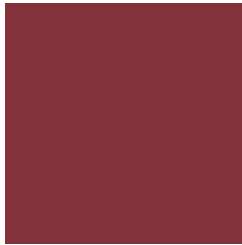
820010



030000

Previews

White Background



This preview shows how the Hex color 83313B looks on a white background.

Color Contrast Check

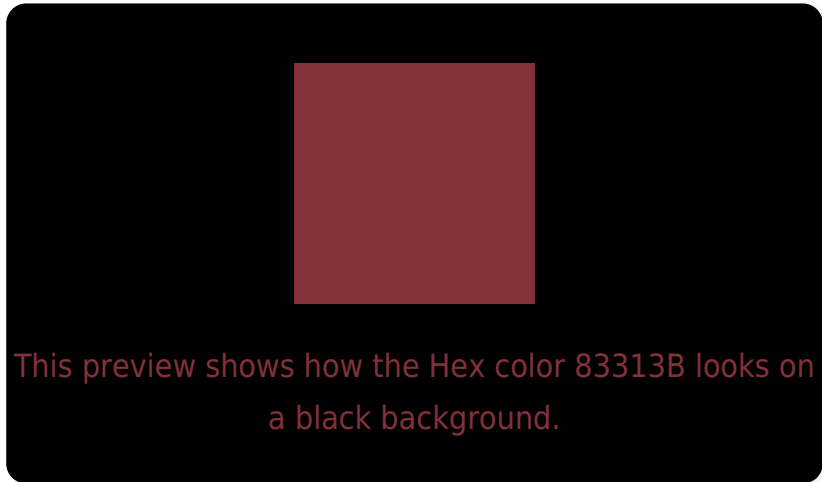
Large Text (above 18pt) WCAG AA ✓ Pass

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

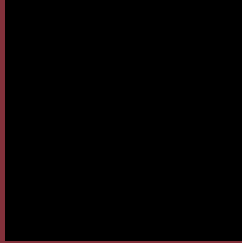
Any Text WCAG AA × Fail

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 83313B Background



This preview shows how black text looks on a background with the Hex color 83313B.



This preview shows how white text looks on a background with the Hex color 83313B.

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



Original Color
83313B

Protanopia
504D48

Deuteranopia
5C4A37



Tritanopia
833235

Trichromacy



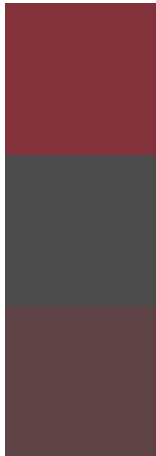
Original Color
83313B

Protanomaly
634343

Deuteranomaly
6A4138

Tritanomaly
833237

Monochromacy



Original Color
83313B

Achromatopsia
4B4B4B

Achromatomaly
5F4245

CSS Examples

Text

The CSS property to change the color of the text to Hex 83313B 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 #83313B looks like.

```
.text, #text, p{  
    color:#83313B  
}
```

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 #83313B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #83313B
}
```

Border

The CSS property to change the border of an element to Hex 83313B is called "border". The border property can be set on classes, ids or directly on the HTML element.

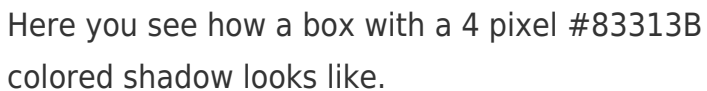
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#83313B }
```

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

```
.border{ border-color:#83313B }
```

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



Here you see how a box with a 4 pixel #83313B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #83313B; -webkit-box-shadow:4px 4px  
4px 4px #83313B; box-shadow:4px 4px 4px  
4px #83313B }
```

Background

The CSS property to change the background color of an element to Hex 83313B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#83313B }
```

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

```
.background{ background-color:#83313B }
```

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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