

Converting Colors

Hex(803333)

Have a look what the booklet for
Hex(803333) contains.

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Color

Hex(803333)

Conversions

Conversions Part 1

Format	Color
Hex	803333
RGB	128, 51, 51
RGB Percent	50%, 20%, 20%
CMY	0.4980, 0.8000, 0.8000
CMYK	0.00, 0.60, 0.60, 0.50
HSL	0°, 43%, 35%
HSV	0°, 60%, 50%
XYZ	10.6835, 7.1959, 3.9578
YIQ	74.0230, 45.8920, 16.3240

Conversions

Conversions Part 2

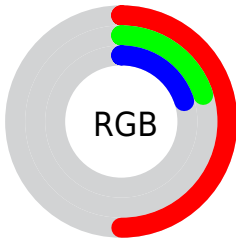
Format	Color
RYB	128, 51, 51
Decimal	8401715
CIELab	32.25, 33.33, 16.94
CIELCh	32, 37.389, 26.934
Yxy	7.1959, 0.4892, 0.3295
Android (android.graphics.Color)	4286591795 (0xFF803333)
YUV	74.0230, -11.3503, 47.3378
Hunter-Lab	26.8251, 24.1461, 10.0298

Details

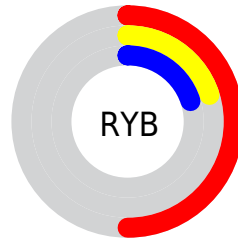
The Hex color **803333** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **338080**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **B96561**, and **4A0006** is the 20% darker color. If you saturate the color by 10%, you get **802626**, and if you desaturate by 10%, it is **804040**.

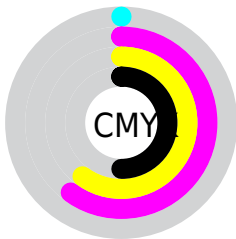
Distribution



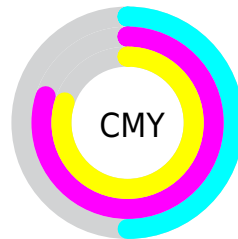
- Red (50%)
- Green (20%)
- Blue (20%)



- Red (50%)
- Yellow (20%)
- Blue (20%)



- Cyan (0%)
- Magenta (60%)
- Yellow (60%)
- Black (50%)



- Cyan (50%)
- Magenta (80%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 803333 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 803333 by changing the saturation by 10% instead.

 803333

 803333

FFFFFF

 641A1E

 B96561

 4A0006

 D67E7A

 310000

 F39994

 000000

 FFB4AF

 FFD0CA

 FFEDE6

 803333

 803333

 802626

 804040

 801919

 804D4D

 800D0D

 805959

 800000

 806666

 807373

 808080

 808D8D

 809999

 80A6A6

Harmonies

Analogous

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



7F3050



803333



743E1A

Triad

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



803333



17572A



005087

Complementary

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



803333



338080

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.



00577D



803333



005A48

Square

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



803333



415212



005A66



474581

Rectangle

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



803333



66460E



005A66



005385

Sweetspot

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



803333



A68888



803380



544242



D4D4D4



545454

Same Dimension

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



803333



A62E2E



805A33



403939



800000



000000

Inverse Universe

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



338080



2EA6A6



335A80



394040



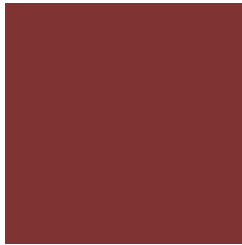
008080



000000

Previews

White Background



This preview shows how the Hex color 803333 looks on a white background.

Color Contrast Check

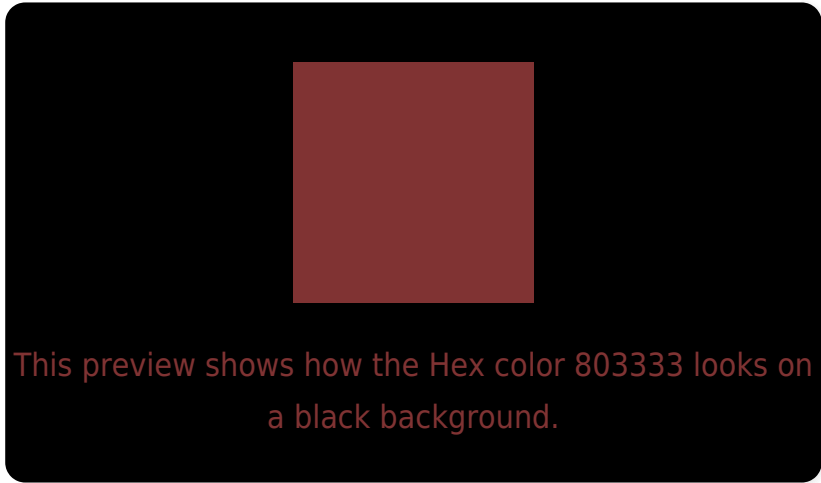
Large Text (above 18pt) WCAG AA ✓ Pass

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

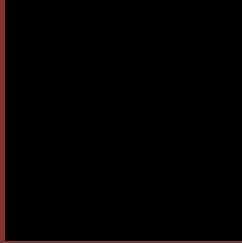
Any Text WCAG AA × Fail

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 803333 Background



This preview shows how black text looks on a background with the Hex color 803333.

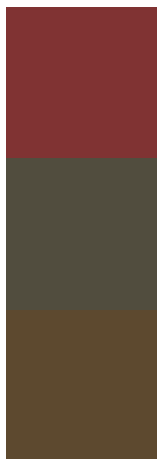


This preview shows how white text looks on a background with the Hex color 803333.

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
803333

Protanopia
514D3E

Deuteranopia
5D492F



Tritanopia
803336

Trichromacy



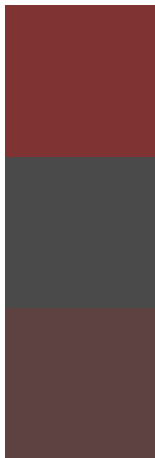
Original Color
803333

Protanomaly
62443A

Deuteranomaly
6A4130

Tritanomaly
803335

Monochromacy



Original Color
803333

Achromatopsia
4A4A4A

Achromatomaly
5E4242

CSS Examples

Text

The CSS property to change the color of the text to Hex 803333 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 #803333 looks like.

```
.text, #text, p{  
    color:#803333  
}
```

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 #803333 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #803333
}
```

Border

The CSS property to change the border of an element to Hex 803333 is called "border". The border property can be set on classes, ids or directly on the HTML element.

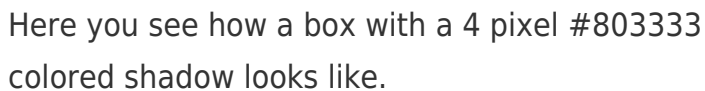
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#803333 }
```

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

```
.border{ border-color:#803333 }
```

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



Here you see how a box with a 4 pixel #803333 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #803333; -webkit-box-shadow:4px 4px  
4px 4px #803333; box-shadow:4px 4px 4px  
4px #803333 }
```

Background

The CSS property to change the background color of an element to Hex 803333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#803333 }
```

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

```
.background{ background-color:#803333 }
```

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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