

Converting Colors

Hex(803838)

Have a look what the booklet for
Hex(803838) contains.

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Color

Hex(803838)

Conversions

Conversions Part 1

Format	Color
Hex	803838
RGB	128, 56, 56
RGB Percent	50%, 22%, 22%
CMY	0.4980, 0.7804, 0.7804
CMYK	0.00, 0.56, 0.56, 0.50
HSL	0°, 39%, 36%
HSV	0°, 56%, 50%
XYZ	11.0301, 7.7031, 4.6469
YIQ	77.5280, 42.9120, 15.2640

Conversions

Conversions Part 2

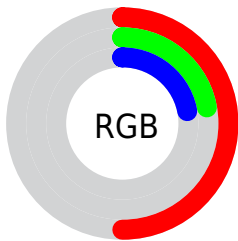
Format	Color
R_{YB}	128, 56, 56
Decimal	8403000
CIE _{Lab}	33.36, 31.14, 15.21
CIE _{LCh}	33, 34.654, 26.026
Yxy	7.7031, 0.4718, 0.3295
Android (android.graphics.Color)	4286593080 (0xFF803838)
YUV	77.5280, -10.6133, 44.2639
Hunter-Lab	27.7544, 22.3688, 9.5013

Details

The Hex color **803838** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **388080**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **B86967**, and **4A060D** is the 20% darker color. If you saturate the color by 10%, you get **802B2B**, and if you desaturate by 10%, it is **804545**.

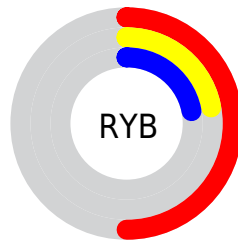
Distribution



Red (50%)

Green (22%)

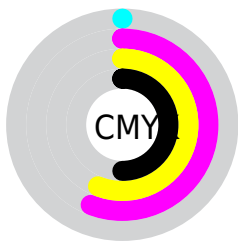
Blue (22%)



Red (50%)

Yellow (22%)

Blue (22%)

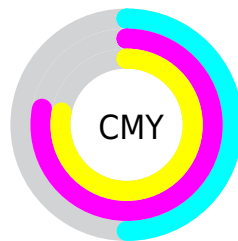


Cyan (0%)

Magenta (56%)

Yellow (56%)

Black (50%)



Cyan (50%)

Magenta (78%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 803838 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 803838 by changing the saturation by 10% instead.

 803838

 803838

FFFFFF

 652023

 B86967

 4A060D

 D58380

 320000

 F39E9A

 070000

 FFB9B5

 000000

 FFD5D0

 FFF2EC

 803838

 803838

 802B2B

 804545

 801E1E

 805252

 801212

 805E5E

 800505

 806B6B

 800000

 807878

 808585

 809292

 809E9E

 80ABAB

Harmonies

Analogous

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



7E3653



803838



754121

Triad

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



803838



22592E



005385

Complementary

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



803838



388080

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.



00597B



803838



005C4A

Square

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



803838



46541A



005C66



494980

Rectangle

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



803838



684817



005C66



005583

Sweetspot

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



803838



A68A8A



803880



544343



D4D4D4



545454

Same Dimension

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



803838



A63535



805C38



403939



800000



000000

Inverse Universe

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



388080



35A6A6



385C80



394040



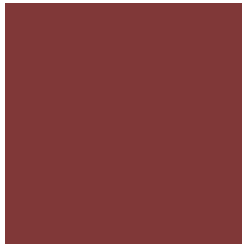
008080



000000

Previews

White Background



This preview shows how the Hex color 803838 looks on a white background.

Color Contrast Check

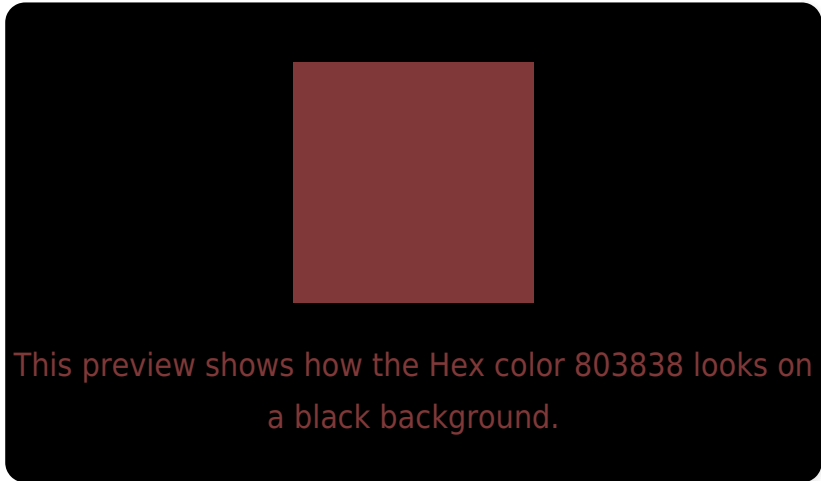
Large Text (above 18pt) WCAG AA ✓ Pass

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

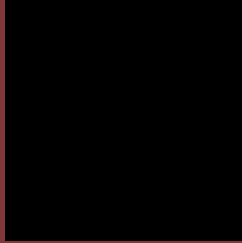
Any Text WCAG AA × Fail

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 803838 Background



This preview shows how black text looks on a background with the Hex color 803838.

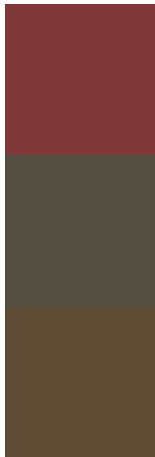


This preview shows how white text looks on a background with the Hex color 803838.

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
803838

Protanopia
544F42

Deuteranopia
5F4C35



Tritanopia
80383B

Trichromacy



Original Color
803838

Protanomaly
64473E

Deuteranomaly
6B4536

Tritanomaly
80383A

Monochromacy



Original Color
803838

Achromatopsia
4E4E4E

Achromatomaly
604646

CSS Examples

Text

The CSS property to change the color of the text to Hex 803838 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 #803838 looks like.

```
.text, #text, p{  
    color:#803838  
}
```

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 #803838 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #803838
}
```

Border

The CSS property to change the border of an element to Hex 803838 is called "border". The border property can be set on classes, ids or directly on the HTML element.

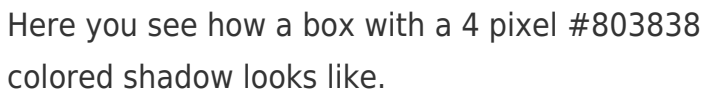
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#803838 }
```

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

```
.border{ border-color:#803838 }
```

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



Here you see how a box with a 4 pixel #803838 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #803838; -webkit-box-shadow:4px 4px  
4px 4px #803838; box-shadow:4px 4px 4px  
4px #803838 }
```

Background

The CSS property to change the background color of an element to Hex 803838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#803838 }
```

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

```
.background{ background-color:#803838 }
```

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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