

# Converting Colors

Hex(803939)

Have a look what the booklet for  
Hex(803939) contains.

<b>Hex(803939)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(803939)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	803939
RGB	128, 57, 57
RGB Percent	50%, 22%, 22%
CMY	0.4980, 0.7765, 0.7765
CMYK	0.00, 0.55, 0.55, 0.50
HSL	0°, 38%, 36%
HSV	0°, 55%, 50%
XYZ	11.1037, 7.8109, 4.7933
YIQ	78.2290, 42.3160, 15.0520

# Conversions

## Conversions Part 2

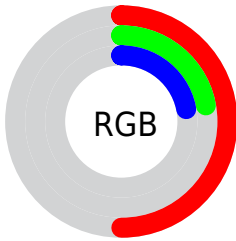
Format	Color
<a href="#">RYB</a>	<a href="#">128, 57, 57</a>
Decimal	<a href="#">8403257</a>
CIELab	<a href="#">33.59, 30.69, 14.87</a>
CIELCh	<a href="#">34, 34.108, 25.854</a>
Yxy	<a href="#">7.8109, 0.4684, 0.3295</a>
Android (android.graphics.Color)	<a href="#">4286593337 (0xFF803939)</a>
YUV	<a href="#">78.2290, -10.4659, 43.6492</a>
Hunter-Lab	<a href="#">27.9479, 22.0094, 9.3948</a>

# Details

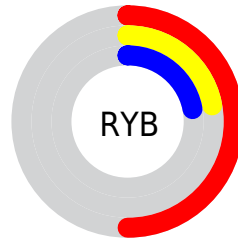
The Hex color **803939** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **398080**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **B86A68**, and **4A070F** is the 20% darker color. If you saturate the color by 10%, you get **802C2C**, and if you desaturate by 10%, it is **804646**.

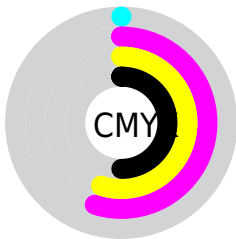
# Distribution



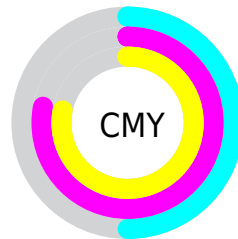
- Red (50%)
- Green (22%)
- Blue (22%)



- Red (50%)
- Yellow (22%)
- Blue (22%)



- Cyan (0%)
- Magenta (55%)
- Yellow (55%)
- Black (50%)



- Cyan (50%)
- Magenta (78%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 803939 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 803939 by changing the saturation by 10% instead.



 803939

 803939

FFFFFF

 652124

 B86A68

 4A070F

 D58481

 320000

 F29F9B

 080000

 FFBA66

 000000

 FFD6D1

 FFF3EE

 803939

 803939

 802C2C

 804646

 801F1F

 805353

 801313

 805F5F

 800606

 806C6C

 800000

 807979

 808686

 809393

 809F9F

 80ACAC

# Harmonies

## Analogous

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



7E3754



803939



754223

# Triad

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



803939



245A2F



005385

# Complementary

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



803939



398080

# 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



803939



005C4A

# Square

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



803939



47541B



005C66



4A4980

# Rectangle

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



803939



694919



005C66



005683



# Sweetspot

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



803939



A68A8A



803980



544343



D4D4D4



545454



# Same Dimension

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



803939



A63737



805D39



403939



800000



000000



# Inverse Universe

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



398080



37A6A6



395D80



394040



008080

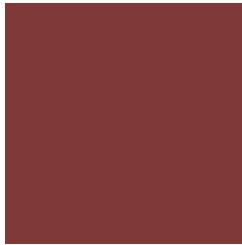


000000



# Previews

## White Background



This preview shows how the Hex color 803939 looks on a white background.

## Color Contrast Check

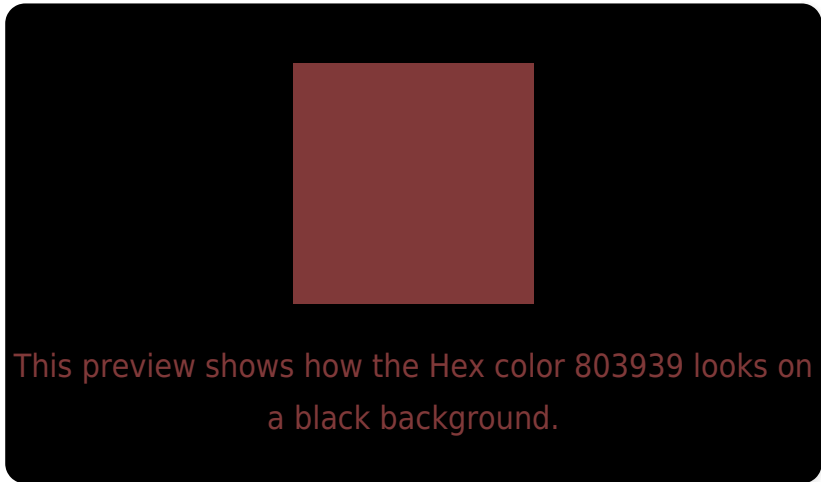
Large Text (above 18pt) WCAG AA ✓ Pass

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 803939 Background



This preview shows how black text looks on a background with the Hex color 803939.



This preview shows how white text looks on a background with the Hex color 803939.

# 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**  
803939

**Protanopia**  
545043

**Deuteranopia**  
5F4C36



**Tritanopia**  
80383C

# Trichromacy



**Original Color**

803939

**Protanomaly**

64483F

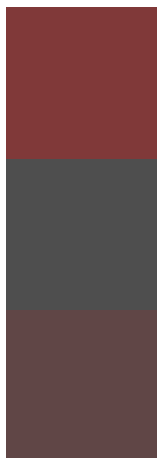
**Deuteranomaly**

6B4537

**Tritanomaly**

80383B

# Monochromacy



**Original Color**

803939

**Achromatopsia**

4E4E4E

**Achromatomaly**

604646

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 803939 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 #803939 looks like.

```
.text, #text, p{  
    color:#803939  
}
```

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 #803939 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #803939
}
```

## Border

The CSS property to change the border of an element to Hex 803939 is called "border". The border property can be set on classes, ids or directly on the HTML element.

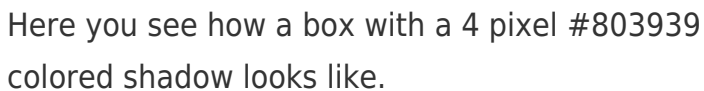
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#803939 }
```

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

```
.border{ border-color:#803939 }
```

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



Here you see how a box with a 4 pixel #803939 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #803939; -webkit-box-shadow:4px 4px  
4px 4px #803939; box-shadow:4px 4px 4px  
4px #803939 }
```

# Background

The CSS property to change the background color of an element to Hex 803939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#803939 }
```

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

```
.background{ background-color:#803939 }
```

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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