

Converting Colors

Hex(813737)

Have a look what the booklet for
Hex(813737) contains.

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Color

Hex(813737)

Conversions

Conversions Part 1

Format	Color
Hex	813737
RGB	129, 55, 55
RGB Percent	51%, 22%, 22%
CMY	0.4941, 0.7843, 0.7843
CMYK	0.00, 0.57, 0.57, 0.49
HSL	0°, 40%, 36%
HSV	0°, 57%, 51%
XYZ	11.1090, 7.6753, 4.5104
YIQ	77.1260, 44.1040, 15.6880

Conversions

Conversions Part 2

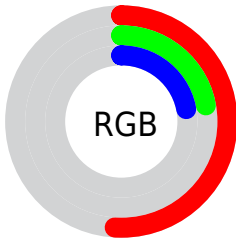
Format	Color
R_{YB}	129, 55, 55
Decimal	8468279
CIE _{Lab}	33.30, 31.98, 15.79
CIE _{LCh}	33, 35.664, 26.286
Yxy	7.6753, 0.4769, 0.3295
Android (android.graphics.Color)	4286658359 (0xFF813737)
YUV	77.1260, -10.9081, 45.4935
Hunter-Lab	27.7044, 23.0930, 9.7404

Details

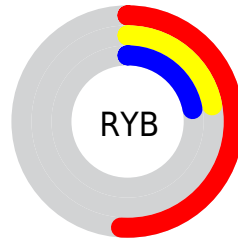
The Hex color **813737** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **378181**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **B96866**, and **4B040C** is the 20% darker color. If you saturate the color by 10%, you get **812A2A**, and if you desaturate by 10%, it is **814444**.

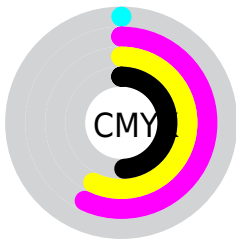
Distribution



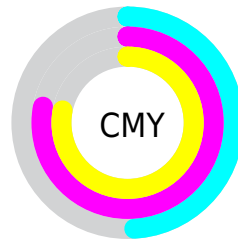
- Red (51%)
- Green (22%)
- Blue (22%)



- Red (51%)
- Yellow (22%)
- Blue (22%)



- Cyan (0%)
- Magenta (57%)
- Yellow (57%)
- Black (49%)




- Cyan (49%)
- Magenta (78%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 813737 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 813737 by changing the saturation by 10% instead.

 813737

 813737

FFFFFF

 661F22

 B96866

 4B040C

 D6827F

 320000

 F49D99

 080000

 FFB8B3

 000000

 FFD4CF

 FFF1EB

 813737

 813737

 812A2A

 814444

■ 811D1D

■ 815151

■ 811010

■ 815E5E

■ 810303

■ 816B6B

■ 810000

■ 817878

■ 818484

■ 819191

■ 819E9E

■ 81ABAB

Harmonies

Analogous

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



7F3553



813737



75411F

Triad

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



813737



1F592E



005387

Complementary

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



813737



378181

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.



00597D



813737



005C4A

Square

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



813737



455418



005C66



494881

Rectangle

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



813737



684815



005C66



005585

Sweetspot

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



813737



A88C8C



813781



544343



D4D4D4



545454

Same Dimension

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



813737



A83434



815C37



403939



800000



000000

Inverse Universe

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



378181



34A8A8



375C81



394040



008080



000000

Previews

White Background



This preview shows how the Hex color 813737 looks on a white background.

Color Contrast Check

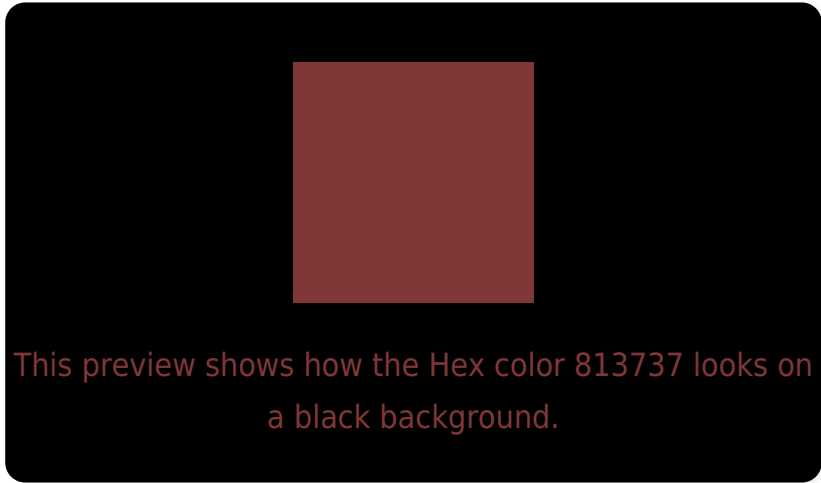
Large Text (above 18pt) WCAG AA ✓ Pass

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 813737 Background



This preview shows how black text looks on a background with the Hex color 813737.

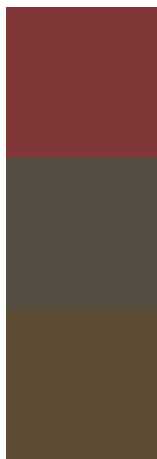


This preview shows how white text looks on a background with the Hex color 813737.

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
813737

Protanopia
544F42

Deuteranopia
5F4C34



Tritanopia
81373A

Trichromacy



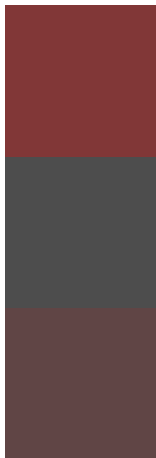
Original Color
813737

Protanomaly
64463E

Deuteranomaly
6B4435

Tritanomaly
813739

Monochromacy



Original Color
813737

Achromatopsia
4D4D4D

Achromatomaly
604545

CSS Examples

Text

The CSS property to change the color of the text to Hex 813737 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 #813737 looks like.

```
.text, #text, p{  
    color:#813737  
}
```

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 #813737 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #813737
}
```

Border

The CSS property to change the border of an element to Hex 813737 is called "border". The border property can be set on classes, ids or directly on the HTML element.

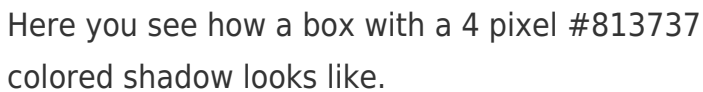
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#813737 }
```

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

```
.border{ border-color:#813737 }
```

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



Here you see how a box with a 4 pixel #813737 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #813737; -webkit-box-shadow:4px 4px  
4px 4px #813737; box-shadow:4px 4px 4px  
4px #813737 }
```

Background

The CSS property to change the background color of an element to Hex 813737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#813737 }
```

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

```
.background{ background-color:#813737 }
```

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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