

Converting Colors

Hex(813E40)

Have a look what the booklet for
Hex(813E40) contains.

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Color

Hex(813E40)

Conversions

Conversions Part 1

Format	Color
Hex	813E40
RGB	129, 62, 64
RGB Percent	51%, 24%, 25%
CMY	0.4941, 0.7569, 0.7490
CMYK	0.00, 0.52, 0.50, 0.49
HSL	358°, 35%, 37%
HSV	358°, 52%, 51%
XYZ	11.7013, 8.4825, 5.8711
YIQ	82.2610, 39.2900, 14.8260

Conversions

Conversions Part 2

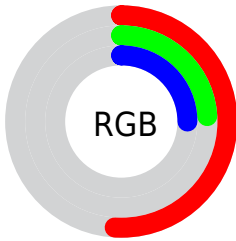
Format	Color
RYB	129, 62, 64
Decimal	8470080
CIELab	34.97, 29.04, 12.32
CIELCh	35, 31.547, 22.983
Yxy	8.4825, 0.4491, 0.3256
Android (android.graphics.Color)	4286660160 (0xFF813E40)
YUV	82.2610, -9.0027, 40.9901
Hunter-Lab	29.1248, 20.7465, 8.4355

Details

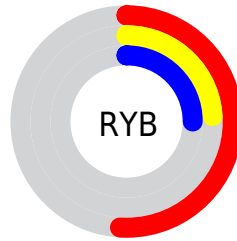
The Hex color **813E40** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3E817F**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **B96F70**, and **4C0E16** is the 20% darker color. If you saturate the color by 10%, you get **813133**, and if you desaturate by 10%, it is **814B4D**.

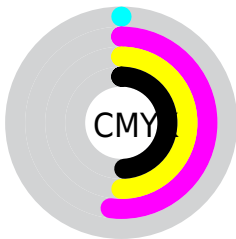
Distribution



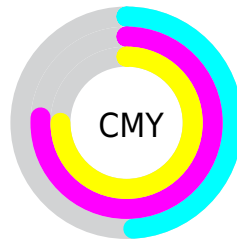
- Red (51%)
- Green (24%)
- Blue (25%)



- Red (51%)
- Yellow (24%)
- Blue (25%)



- Cyan (0%)
- Magenta (52%)
- Yellow (50%)
- Black (49%)



- Cyan (49%)
- Magenta (76%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 813E40 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 813E40 by changing the saturation by 10% instead.

813E40

813E40

FFFFFF

66262A

B96F70

4C0E16

D58989

330000

F3A4A3

110000

FFBFBE

000000

FFDCDA

FFF8F7

813E40

813E40

813133

814B4D

■ 812427

■ 815859

■ 81171A

■ 816566

■ 810A0E

■ 817272

■ 810004

■ 817F7F

■ 818B8B

■ 819898

■ 81A5A4

■ 81B2B1

Harmonies

Analogous

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



7E3D59



813E40



78452B

Triad

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



813E40



2F5C33



085784

Complementary

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



813E40



3E817F

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.



005C7A



813E40



005F4B

Square

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



813E40



4E5722



005F65



4A4E81

Rectangle

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



813E40



6D4C21



005F65



005982

Sweetspot

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



813E40



A88D8E



7F3E81



544445



D4D4D4



545454

Same Dimension

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



813E40



A84043



815D3E



40393A



800004



000000

Inverse Universe

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



813E40



A84043



3E6281



40393A



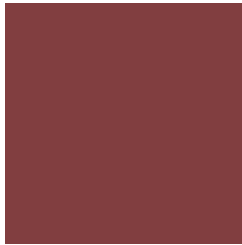
800004



000000

Previews

White Background



This preview shows how the Hex color 813E40 looks on a white background.

Color Contrast Check

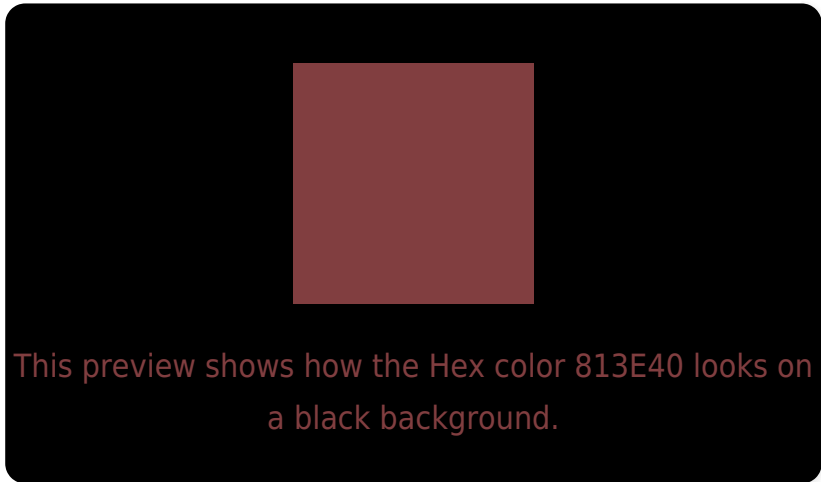
Large Text (above 18pt) WCAG AA ✓ Pass

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

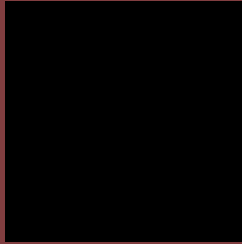
Any Text WCAG AA × Fail

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 813E40 Background



This preview shows how black text looks on a background with the Hex color 813E40.



This preview shows how white text looks on a background with the Hex color 813E40.

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
813E40

Protanopia
56534A

Deuteranopia
624F3D



Tritanopia
813E42

Trichromacy



Original Color
813E40

Protanomaly
664B46

Deuteranomaly
6D493E

Tritanomaly
813E41

Monochromacy



Original Color
813E40

Achromatopsia
525252

Achromatomaly
634B4B

CSS Examples

Text

The CSS property to change the color of the text to Hex 813E40 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 #813E40 looks like.

```
.text, #text, p{  
    color:#813E40  
}
```

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 #813E40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #813E40
}
```

Border

The CSS property to change the border of an element to Hex 813E40 is called "border". The border property can be set on classes, ids or directly on the HTML element.

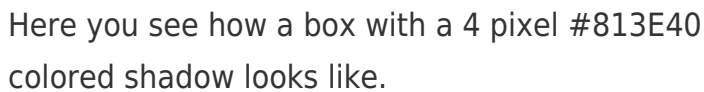
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#813E40 }
```

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

```
.border{ border-color:#813E40 }
```

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



Here you see how a box with a 4 pixel #813E40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #813E40; -webkit-box-shadow:4px 4px  
4px 4px #813E40; box-shadow:4px 4px 4px  
4px #813E40 }
```

Background

The CSS property to change the background color of an element to Hex 813E40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#813E40 }
```

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

```
.background{ background-color:#813E40 }
```

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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