

Converting Colors

Hex(813E45)

Have a look what the booklet for
Hex(813E45) contains.

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Color

Hex(813E45)

Conversions

Conversions Part 1

Format	Color
Hex	813E45
RGB	129, 62, 69
RGB Percent	51%, 24%, 27%
CMY	0.4941, 0.7569, 0.7294
CMYK	0.00, 0.52, 0.47, 0.49
HSL	354°, 35%, 37%
HSV	354°, 52%, 51%
XYZ	11.8501, 8.5420, 6.6544
YIQ	82.8310, 37.6850, 16.3810

Conversions

Conversions Part 2

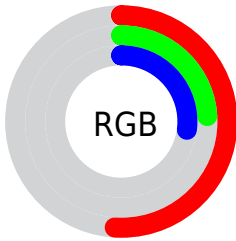
Format	Color
R_{YB}	129, 62, 69
Decimal	8470085
CIE Lab	35.09, 29.58, 9.30
CIE LCh	35, 31.008, 17.456
Yxy	8.5420, 0.4381, 0.3158
Android (android.graphics.Color)	4286660165 (0xFF813E45)
YUV	82.8310, -6.8187, 40.4902
Hunter-Lab	29.2268, 21.2264, 6.9594

Details

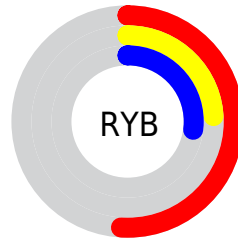
The Hex color **813E45** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3E817A**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **B96F75**, and **4C0E1A** is the 20% darker color. If you saturate the color by 10%, you get **813139**, and if you desaturate by 10%, it is **814B51**.

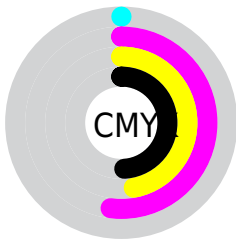
Distribution



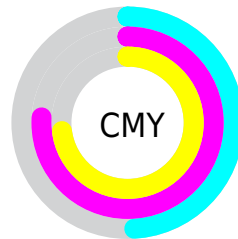
- Red (51%)
- Green (24%)
- Blue (27%)



- Red (51%)
- Yellow (24%)
- Blue (27%)



- Cyan (0%)
- Magenta (52%)
- Yellow (47%)
- Black (49%)




- Cyan (49%)
- Magenta (76%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 813E45 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 813E45 by changing the saturation by 10% instead.

 813E45

 813E45

FFFFFF

 66262F

 B96F75

 4C0E1A

 D5898F

 340000

 F2A4A9

 130000

 FFC0C4


 000000

 FFDCE0

 FFF8FD

 813E45


 813E45


 813139

 814B51

 81242E

 81585C

 811722


 816568

 810A17

 817273

 81000D

 817F7F

 818B8A

 819896

 81A5A1

 81B2AD

Harmonies

Analogous

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



7B3F5E



813E45



7A442F

Triad

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



813E45



375B30



005883

Complementary

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



813E45



3E817A

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.



005D76



813E45



035E47

Square

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



813E45



535621



005F61



435082

Rectangle

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



813E45



704A25



005F61



005A80

Sweetspot

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



813E45



A88D90



793E81



544446



D4D4D4



545454

Same Dimension

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



813E45



A8404B



81583E



40393A



80000D



000000

Inverse Universe

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



813E45



A8404B



3E6781



40393A



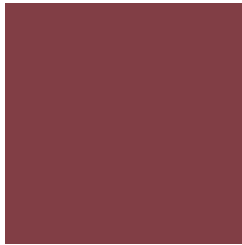
80000D



000000

Previews

White Background



This preview shows how the Hex color 813E45 looks on a white background.

Color Contrast Check

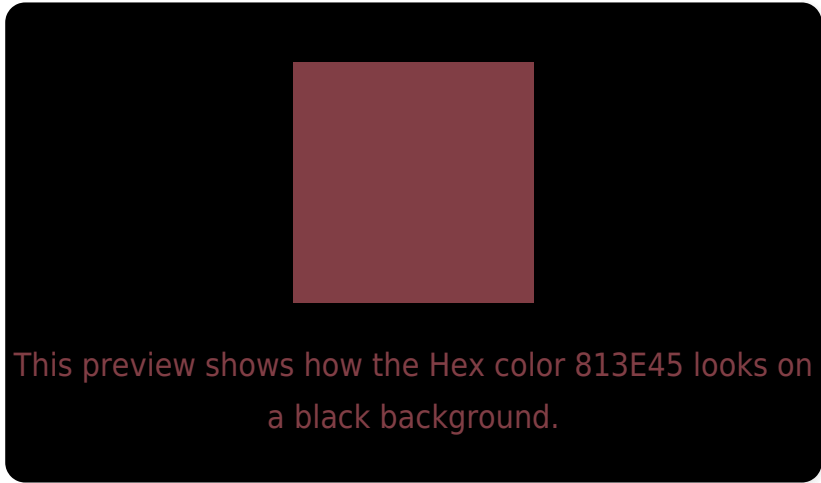
Large Text (above 18pt) WCAG AA ✓ Pass

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

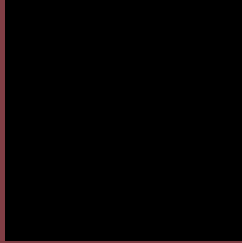
Any Text WCAG AA × Fail

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 813E45 Background



This preview shows how black text looks on a background with the Hex color 813E45.



This preview shows how white text looks on a background with the Hex color 813E45.

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](#).

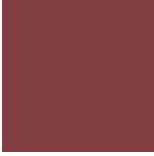
Dichromacy



Original Color
813E45

Protanopia
553350

Deuteranopia
615042



Tritanopia
813E43

Trichromacy



Original Color
813E45

Protanomaly
654B4C

Deuteranomaly
6D4943

Tritanomaly
813E44

Monochromacy



Original Color
813E45

Achromatopsia
535353

Achromatomaly
644B4E

CSS Examples

Text

The CSS property to change the color of the text to Hex 813E45 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 #813E45 looks like.

```
.text, #text, p{  
    color:#813E45  
}
```

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 #813E45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #813E45
}
```

Border

The CSS property to change the border of an element to Hex 813E45 is called "border". The border property can be set on classes, ids or directly on the HTML element.

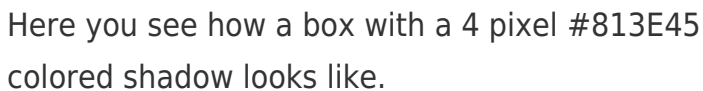
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#813E45 }
```

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

```
.border{ border-color:#813E45 }
```

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



Here you see how a box with a 4 pixel #813E45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #813E45; -webkit-box-shadow:4px 4px  
4px 4px #813E45; box-shadow:4px 4px 4px  
4px #813E45 }
```

Background

The CSS property to change the background color of an element to Hex 813E45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#813E45 }
```

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

```
.background{ background-color:#813E45 }
```

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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