

Converting Colors

Hex(813647)

Have a look what the booklet for
Hex(813647) contains.

Hex(813647)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(813647)

Conversions

Conversions Part 1

Format	Color
Hex	813647
RGB	129, 54, 71
RGB Percent	51%, 21%, 28%
CMY	0.4941, 0.7882, 0.7216
CMYK	0.00, 0.58, 0.45, 0.49
HSL	346°, 41%, 36%
HSV	346°, 58%, 51%
XYZ	11.5098, 7.7604, 6.8525
YIQ	78.3630, 39.2430, 21.1870

Conversions

Conversions Part 2

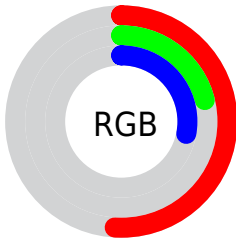
Format	Color
R_{YB}	129, 54, 71
Decimal	8468039
CIE _{Lab}	33.48, 34.10, 5.75
CIE _{LCh}	33, 34.581, 9.579
Yxy	7.7604, 0.4406, 0.2971
Android (android.graphics.Color)	4286658119 (0xFF813647)
YUV	78.3630, -3.6300, 44.4086
Hunter-Lab	27.8575, 24.9995, 4.9158

Details

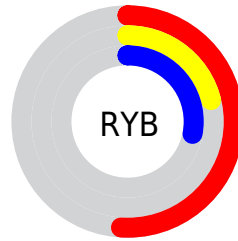
The Hex color **813647** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **368170**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **B96877**, and **4C021C** is the 20% darker color. If you saturate the color by 10%, you get **81293D**, and if you desaturate by 10%, it is **814351**.

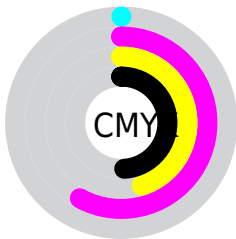
Distribution



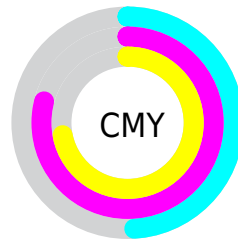
- Red (51%)
- Green (21%)
- Blue (28%)



- Red (51%)
- Yellow (21%)
- Blue (28%)



- Cyan (0%)
- Magenta (58%)
- Yellow (45%)
- Black (49%)



- Cyan (49%)
- Magenta (79%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 813647 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 813647 by changing the saturation by 10% instead.

 813647

 813647

FFFFFF

 661D31

 B96877

 4C021C

 D68291

 340000

 F39CAB


 0F0000

 FFB8C7


 000000

 FFD4E3

 FFF0FF

 813647

 813647

 81293D

 814351

■ 811C33

■ 81505B

■ 810F29

■ 815D65

■ 81021F

■ 816A6F

■ 81001D

■ 817779

■ 818383

■ 81908D

■ 819D97

■ 81AAA1

Harmonies

Analogous

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



773962



813647



7D3C2D

Triad

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



813647



385722



005782

Complementary

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



813647



368170

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.



005B71



813647



005B3B

Square

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



813647



555015



005C57



2B4F85

Rectangle

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



813647



73431F



005C57



00597E

Sweetspot

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



813647



A88C92



6F3681



544347



D4D4D4



545454

Same Dimension

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



813647



A8324D



814A36



40393B



80001D



000000

Inverse Universe

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



813647



A8324D



366D81



40393B



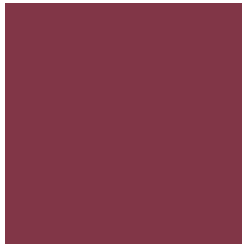
80001D



000000

Previews

White Background



This preview shows how the Hex color 813647 looks on a white background.

Color Contrast Check

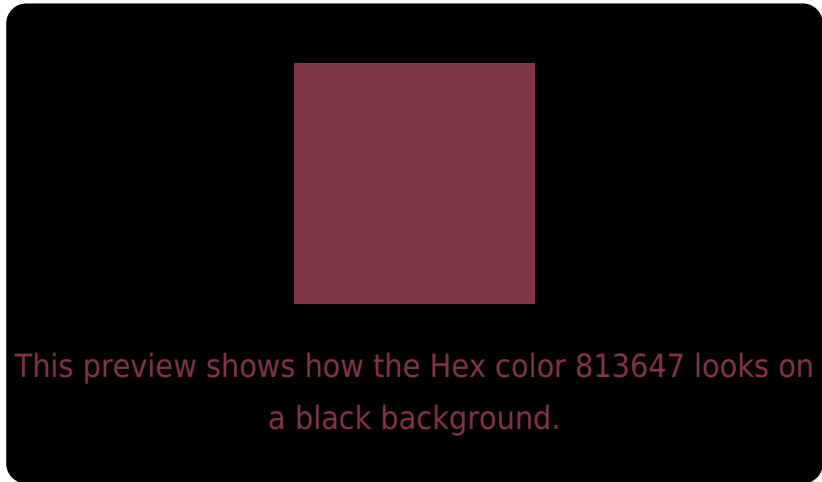
Large Text (above 18pt) WCAG AA ✓ Pass

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

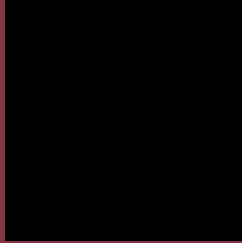
Any Text WCAG AA × Fail

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 813647 Background



This preview shows how black text looks on a background with the Hex color 813647.



This preview shows how white text looks on a background with the Hex color 813647.

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
813647

Protanopia
4F4F55

Deuteranopia
5B4D43



Tritanopia
80383C

Trichromacy



Original Color
813647

Protanomaly
614650

Deuteranomaly
694544

Tritanomaly
803740

Monochromacy



Original Color
813647

Achromatopsia
4E4E4E

Achromatomaly
61454B

CSS Examples

Text

The CSS property to change the color of the text to Hex 813647 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 #813647 looks like.

```
.text, #text, p{  
    color:#813647  
}
```

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 #813647 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #813647
}
```

Border

The CSS property to change the border of an element to Hex 813647 is called "border". The border property can be set on classes, ids or directly on the HTML element.

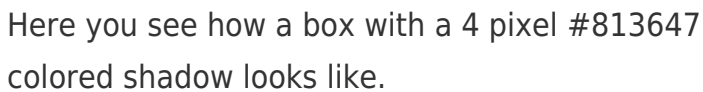
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#813647 }
```

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

```
.border{ border-color:#813647 }
```

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



Here you see how a box with a 4 pixel #813647 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #813647; -webkit-box-shadow:4px 4px  
4px 4px #813647; box-shadow:4px 4px 4px  
4px #813647 }
```

Background

The CSS property to change the background color of an element to Hex 813647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#813647 }
```

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

```
.background{ background-color:#813647 }
```

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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