

Converting Colors

Hex(803647)

Have a look what the booklet for
Hex(803647) contains.

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Color

Hex(803647)

Conversions

Conversions Part 1

Format	Color
Hex	803647
RGB	128, 54, 71
RGB Percent	50%, 21%, 28%
CMY	0.4980, 0.7882, 0.7216
CMYK	0.00, 0.58, 0.45, 0.50
HSL	346°, 41%, 36%
HSV	346°, 58%, 50%
XYZ	11.3586, 7.6825, 6.8454
YIQ	78.0640, 38.6470, 20.9750

Conversions

Conversions Part 2

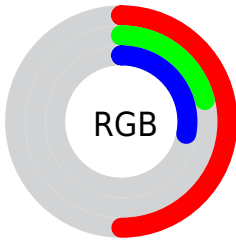
Format	Color
R_{YB}	128, 54, 71
Decimal	8402503
CIE _{Lab}	33.31, 33.73, 5.50
CIE _{LCh}	33, 34.172, 9.255
Yxy	7.6825, 0.4388, 0.2968
Android (android.graphics.Color)	4286592583 (0xFF803647)
YUV	78.0640, -3.4826, 43.7939
Hunter-Lab	27.7173, 24.6445, 4.7590

Details

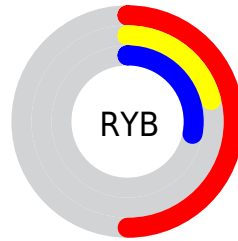
The Hex color **803647** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **36806F**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **B86877**, and **4B021C** is the 20% darker color. If you saturate the color by 10%, you get **80293D**, and if you desaturate by 10%, it is **804351**.

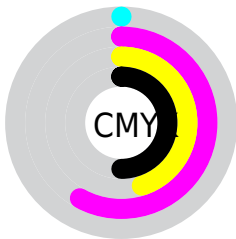
Distribution



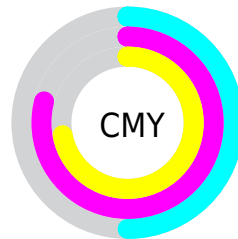
- Red (50%)
- Green (21%)
- Blue (28%)



- Red (50%)
- Yellow (21%)
- Blue (28%)



- Cyan (0%)
- Magenta (58%)
- Yellow (45%)
- Black (50%)



- Cyan (50%)
- Magenta (79%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 803647 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 803647 by changing the saturation by 10% instead.

 803647

 803647

FFFFFF

 651D31

 B86877

 4B021C

 D48291

 340000

 F29CAB

 0D0000

 FFB8C7

 000000

 FFD4E3

 FFF0FF

 803647

 803647

 80293D

 804351

 801C33

 80505B

 801029

 805C65

 800320

 80696E

 80001D

 807678

 808382

 80908C

 809C96

 80A9A0

Harmonies

Analogous

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



763962



803647



7C3C2D

Triad

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



803647



385622



005681

Complementary

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



803647



36806F

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.



005B70



803647



025A3A

Square

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



803647



555015



005C56



2B4F84

Rectangle

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



803647



734320



005C56



00587C

Sweetspot

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



803647



A68A90



6F3680



544347



D4D4D4



545454

Same Dimension

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



803647



A6334E



804A36



40393B



80001D



000000

Inverse Universe

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



803647



A6334E



366C80



40393B



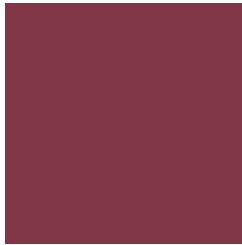
80001D



000000

Previews

White Background



This preview shows how the Hex color 803647 looks on a white background.

Color Contrast Check

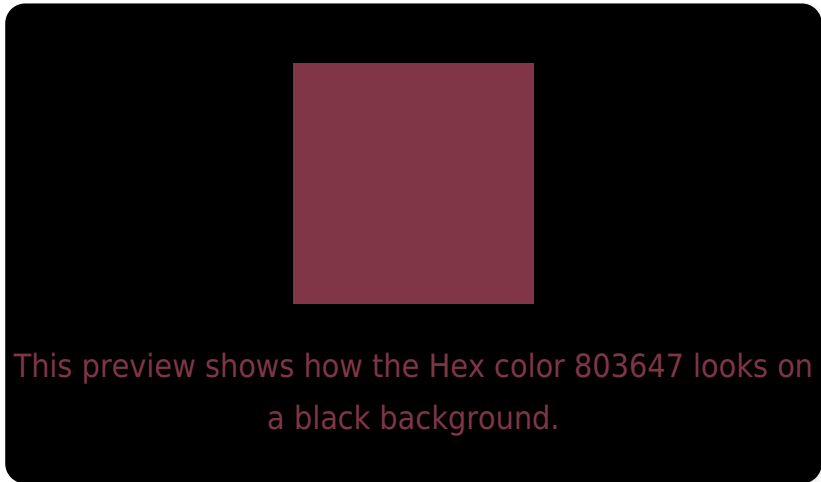
Large Text (above 18pt) WCAG AA ✓ Pass

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

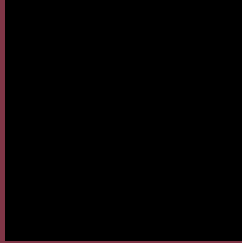
Any Text WCAG AA × Fail

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 803647 Background



This preview shows how black text looks on a background with the Hex color 803647.



This preview shows how white text looks on a background with the Hex color 803647.

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
803647

Protanopia
4F4F55

Deuteranopia
5B4C44



Tritanopia
7F383C

Trichromacy



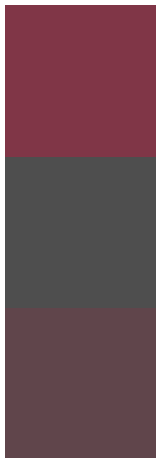
Original Color
803647

Protanomaly
614650

Deuteranomaly
684445

Tritanomaly
7F3740

Monochromacy



Original Color
803647

Achromatopsia
4E4E4E

Achromatomaly
60454B

CSS Examples

Text

The CSS property to change the color of the text to Hex 803647 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 #803647 looks like.

```
.text, #text, p{  
    color:#803647  
}
```

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 #803647 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #803647
}
```

Border

The CSS property to change the border of an element to Hex 803647 is called "border". The border property can be set on classes, ids or directly on the HTML element.

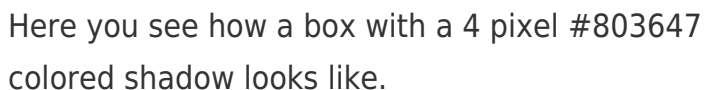
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#803647 }
```

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

```
.border{ border-color:#803647 }
```

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



Here you see how a box with a 4 pixel #803647 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #803647; -webkit-box-shadow:4px 4px  
4px 4px #803647; box-shadow:4px 4px 4px  
4px #803647 }
```

Background

The CSS property to change the background color of an element to Hex 803647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#803647 }
```

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

```
.background{ background-color:#803647 }
```

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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