

Converting Colors

Hex(80403A)

Have a look what the booklet for
Hex(80403A) contains.

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Color

Hex(80403A)

Conversions

Conversions Part 1

Format	Color
Hex	80403A
RGB	128, 64, 58
RGB Percent	50%, 25%, 23%
CMY	0.4980, 0.7490, 0.7725
CMYK	0.00, 0.50, 0.55, 0.50
HSL	5°, 38%, 36%
HSV	5°, 55%, 50%
XYZ	11.4992, 8.5615, 5.0494
YIQ	82.4520, 40.0700, 11.7020

Conversions

Conversions Part 2

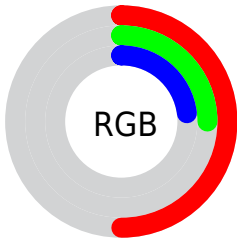
Format	Color
R_{YB}	128, 65, 58
Decimal	8405050
CIE _{Lab}	35.13, 26.92, 16.29
CIE _{LCh}	35, 31.470, 31.180
Yxy	8.5615, 0.4580, 0.3410
Android (android.graphics.Color)	4286595130 (0xFF80403A)
YUV	82.4520, -12.0548, 39.9456
Hunter-Lab	29.2600, 18.9457, 10.2502

Details

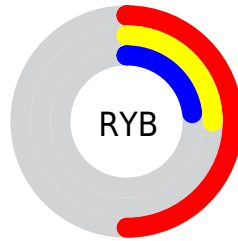
The Hex color **80403A** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3A7A80**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **B87169**, and **4B1110** is the 20% darker color. If you saturate the color by 10%, you get **80342D**, and if you desaturate by 10%, it is **804C47**.

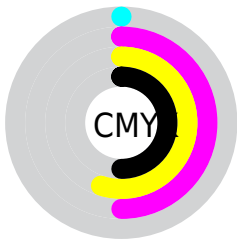
Distribution



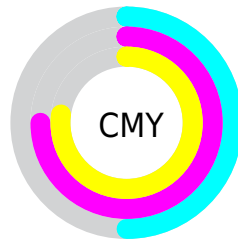
- Red (50%)
- Green (25%)
- Blue (23%)



- Red (50%)
- Yellow (25%)
- Blue (23%)



- Cyan (0%)
- Magenta (50%)
- Yellow (55%)
- Black (50%)



- Cyan (50%)
- Magenta (75%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 80403A 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 80403A by changing the saturation by 10% instead.



80403A



80403A

FFFFFF



652924



B87169



4B1110



D58B82



320000



F2A69C



0F0000



FFC1B7



000000



FFDDD3



FFFAEF



80403A



80403A



80342D



804C47

■ 802920

■ 805754

■ 801D14

■ 806360

■ 801107

■ 806F6D

■ 800B00

■ 807B7A

■ 808687

■ 809294

■ 809EA0

■ 80A9AD

Harmonies

Analogous

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



803D53



80403A



744827

Triad

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



80403A



255D39



255585

Complementary

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



80403A



3A7A80

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.



005B7E



80403A



005F53

Square

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



80403A



475926



005F6C



554C7E

Rectangle

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



80403A



684F20



005F6C



005784

Sweetspot

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



80403A



A68E8B



803A7A



544644



D4D4D4



545454

Same Dimension

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



80403A



A64238



80633A



403A39



800B00



000000

Inverse Universe

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



3A7A80



389CA6



3A5780



393F40



007580



000000

Previews

White Background



This preview shows how the Hex color 80403A looks on a white background.

Color Contrast Check

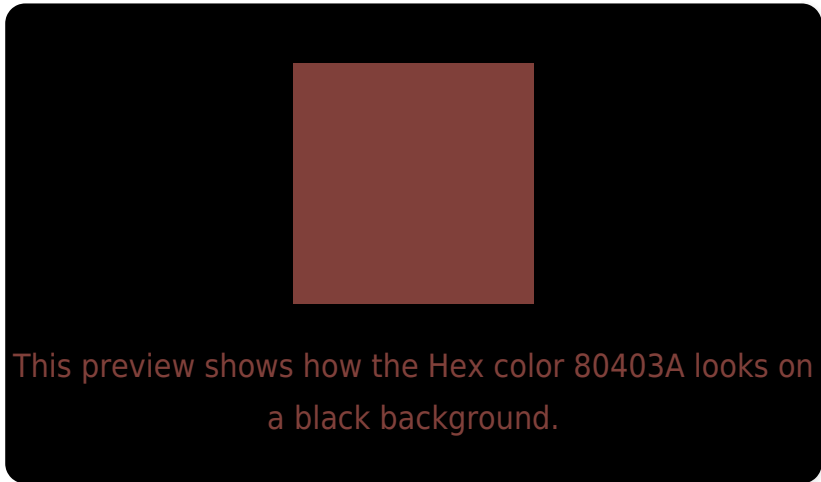
Large Text (above 18pt) WCAG AA ✓ Pass

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

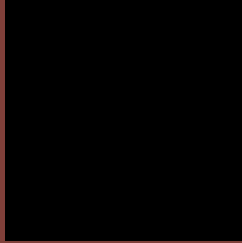
Any Text WCAG AA × Fail

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 80403A Background



This preview shows how black text looks on a background with the Hex color 80403A.



This preview shows how white text looks on a background with the Hex color 80403A.

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
80403A

Protanopia
585342

Deuteranopia
645037



Tritanopia
813F43

Trichromacy



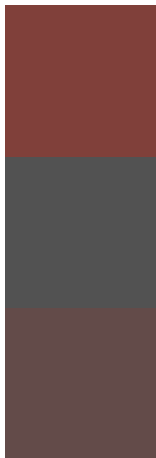
Original Color
80403A

Protanomaly
674C3F

Deuteranomaly
6E4A38

Tritanomaly
813F40

Monochromacy



Original Color
80403A

Achromatopsia
525252

Achromatomaly
634B49

CSS Examples

Text

The CSS property to change the color of the text to Hex 80403A 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 #80403A looks like.

```
.text, #text, p{  
    color:#80403A  
}
```

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 #80403A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #80403A
}
```

Border

The CSS property to change the border of an element to Hex 80403A is called "border". The border property can be set on classes, ids or directly on the HTML element.

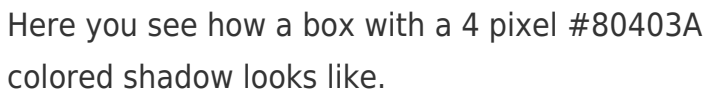
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#80403A }
```

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

```
.border{ border-color:#80403A }
```

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



Here you see how a box with a 4 pixel #80403A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #80403A; -webkit-box-shadow:4px 4px  
4px 4px #80403A; box-shadow:4px 4px 4px  
4px #80403A }
```

Background

The CSS property to change the background color of an element to Hex 80403A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#80403A }
```

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

```
.background{ background-color:#80403A }
```

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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