

Converting Colors

Hex(804A2B)

Have a look what the booklet for
Hex(804A2B) contains.

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Color

Hex(804A2B)

Conversions

Conversions Part 1

Format	Color
Hex	804A2B
RGB	128, 74, 43
RGB Percent	50%, 29%, 17%
CMY	0.4980, 0.7098, 0.8314
CMYK	0.00, 0.42, 0.66, 0.50
HSL	22°, 50%, 34%
HSV	22°, 66%, 50%
XYZ	11.7869, 9.6612, 3.5291
YIQ	86.6120, 42.1350, 1.8070

Conversions

Conversions Part 2

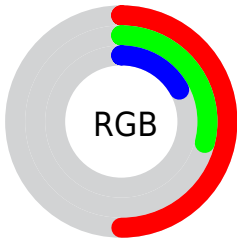
Format	Color
R_{YB}	128, 92, 43
Decimal	8407595
CIE Lab	37.23, 19.91, 28.00
CIE LCh	37, 34.361, 54.587
Yxy	9.6612, 0.4719, 0.3868
Android (android.graphics.Color)	4286597675 (0xFF804A2B)
YUV	86.6120, -21.5007, 36.2973
Hunter-Lab	31.0824, 13.2956, 15.0260

Details

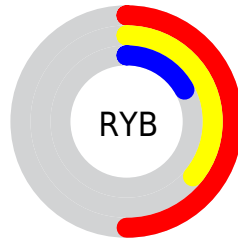
The Hex color **804A2B** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **2B6180**, and the grayscale version is **575757**.

A 20% lighter version of the original color is **B87B5A**, and **4B1D00** is the 20% darker color. If you saturate the color by 10%, you get **80421E**, and if you desaturate by 10%, it is **805238**.

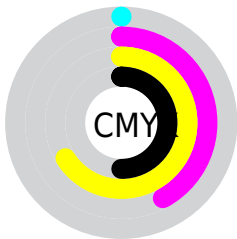
Distribution



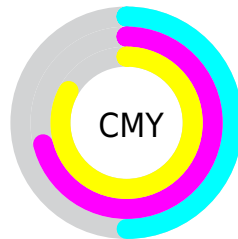
- Red (50%)
- Green (29%)
- Blue (17%)



- Red (50%)
- Yellow (36%)
- Blue (17%)



- Cyan (0%)
- Magenta (42%)
- Yellow (66%)
- Black (50%)



- Cyan (50%)
- Magenta (71%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 804A2B 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 804A2B by changing the saturation by 10% instead.



804A2B



804A2B

FFFFFF



653315



B87B5A



4B1D00



D59572



310700



F2B08C



130000



FFCCA7



000000



FFE8C2



FFFFDE



FFFFFFA



804A2B



804A2B

■ 80421E

■ 805238

■ 803A11

■ 805A45

■ 803205

■ 806251

■ 802F00

■ 806B5E

■ 80736B

■ 807B78

■ 808385

■ 808B91

■ 80939E

Harmonies

Analogous

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



8B4142



804A2B



6C541E

Triad

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



804A2B



006551



51528A

Complementary

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



804A2B



2B6180

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.



035C8F



804A2B



00656E

Square

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



804A2B



2E6236



006284



754778

Rectangle

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



804A2B



5A5A1F



006284



40568D

Sweetspot

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



804A2B



A69185



802B62



544740



D4D4D4



545454

Same Dimension

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



804A2B



A65221



80732B



403C39



802F00



000000

Inverse Universe

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



2B6180



2175A6



2B3880



393D40



005180



000000

Previews

White Background



This preview shows how the Hex color 804A2B looks on a white background.

Color Contrast Check

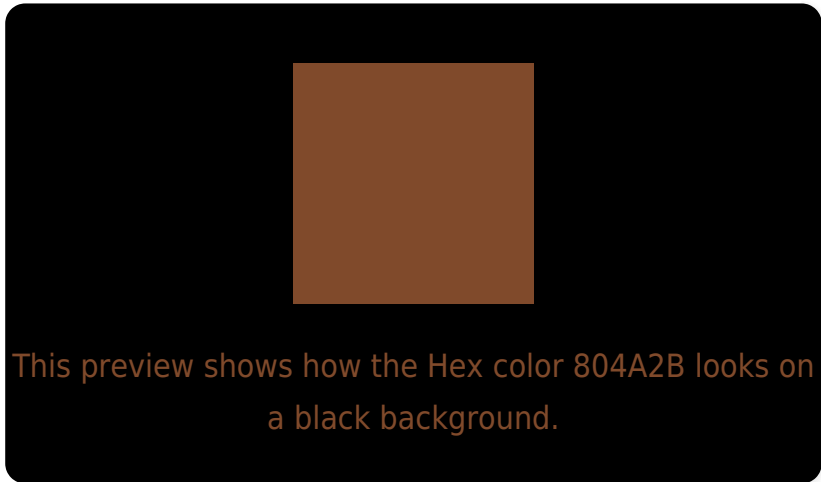
Large Text (above 18pt) WCAG AA ✓ Pass

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

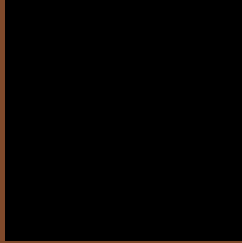
Any Text WCAG AA × Fail

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 804A2B Background



This preview shows how black text looks on a background with the Hex color 804A2B.



This preview shows how white text looks on a background with the Hex color 804A2B.

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
804A2B

Protanopia
615830

Deuteranopia
6D5429



Tritanopia
82464B

Trichromacy



Original Color
804A2B

Protanomaly
6C532E

Deuteranomaly
74502A

Tritanomaly
81473F

Monochromacy



Original Color
804A2B

Achromatopsia
575757

Achromatomaly
665247

CSS Examples

Text

The CSS property to change the color of the text to Hex 804A2B 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 #804A2B looks like.

```
.text, #text, p{  
    color:#804A2B  
}
```

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 #804A2B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #804A2B
}
```

Border

The CSS property to change the border of an element to Hex 804A2B is called "border". The border property can be set on classes, ids or directly on the HTML element.

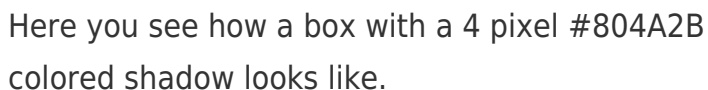
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#804A2B }
```

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

```
.border{ border-color:#804A2B }
```

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



Here you see how a box with a 4 pixel #804A2B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #804A2B; -webkit-box-shadow:4px 4px  
4px 4px #804A2B; box-shadow:4px 4px 4px  
4px #804A2B }
```

Background

The CSS property to change the background color of an element to Hex 804A2B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#804A2B }
```

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

```
.background{ background-color:#804A2B }
```

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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