

Converting Colors

Hex(802E2E)

Have a look what the booklet for
Hex(802E2E) contains.

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Color

Hex(802E2E)

Conversions

Conversions Part 1

Format	Color
Hex	802E2E
RGB	128, 46, 46
RGB Percent	50%, 18%, 18%
CMY	0.4980, 0.8196, 0.8196
CMYK	0.00, 0.64, 0.64, 0.50
HSL	0°, 47%, 34%
HSV	0°, 64%, 50%
XYZ	10.3722, 6.7404, 3.3391
YIQ	70.5180, 48.8720, 17.3840

Conversions

Conversions Part 2

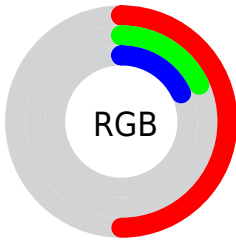
Format	Color
R_{YB}	128, 46, 46
Decimal	8400430
CIE _{Lab}	31.21, 35.45, 18.79
CIE _{LCh}	31, 40.123, 27.928
Yxy	6.7404, 0.5072, 0.3296
Android (android.graphics.Color)	4286590510 (0xFF802E2E)
YUV	70.5180, -12.0874, 50.4117
Hunter-Lab	25.9624, 25.8784, 10.5481

Details

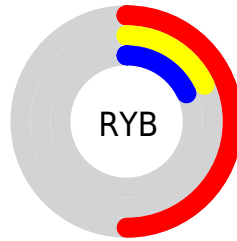
The Hex color **802E2E** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **2E8080**, and the grayscale version is **474747**.

A 20% lighter version of the original color is **B9605C**, and **4A0000** is the 20% darker color. If you saturate the color by 10%, you get **802121**, and if you desaturate by 10%, it is **803B3B**.

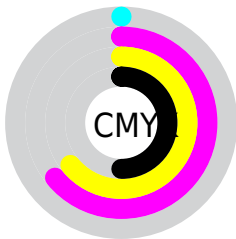
Distribution



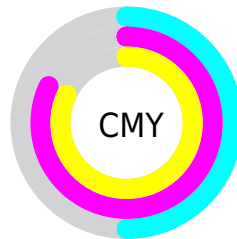
- Red (50%)
- Green (18%)
- Blue (18%)



- Red (50%)
- Yellow (18%)
- Blue (18%)



- Cyan (0%)
- Magenta (64%)
- Yellow (64%)
- Black (50%)



- Cyan (50%)
- Magenta (82%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 802E2E 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 802E2E by changing the saturation by 10% instead.

 802E2E

 802E2E

FFFFFF

 641419

 B9605C

 4A0000

 D67A74

 310001

 F4948E

 000000

 FFAFA8

 FFCBC4

 FFE8E0

 FFFFFC

 802E2E

 802E2E

802121

803B3B

801414

804848

800808

805454

800000

806161

806E6E

807B7B

808888

809494

80A1A1

Harmonies

Analogous

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



7F2A4D



802E2E



723B13

Triad

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



802E2E



055526



004E88

Complementary

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



802E2E



2E8080

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.



00557E



802E2E



005846

Square

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



802E2E



3C5009



005866



454281

Rectangle

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



802E2E



634303



005866



005187

Sweetspot

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



802E2E



A68686



802E80



544141



D4D4D4



545454

Same Dimension

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



802E2E



A62626



80572E



403939



800000



000000

Inverse Universe

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



2E8080



26A6A6



2E5780



394040



008080



000000

Previews

White Background



This preview shows how the Hex color 802E2E 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 802E2E Background



This preview shows how black text looks on a background with the Hex color 802E2E.

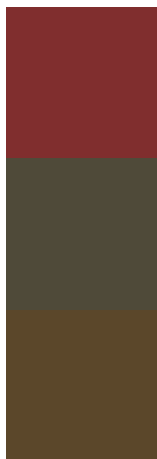


This preview shows how white text looks on a background with the Hex color 802E2E.

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
802E2E

Protanopia
4F4A39

Deuteranopia
5B472A



Tritanopia
802E30

Trichromacy



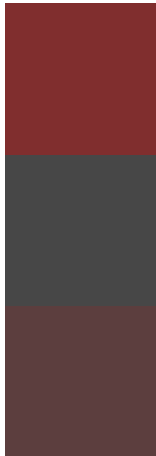
Original Color
802E2E

Protanomaly
614035

Deuteranomaly
683E2B

Tritanomaly
802E2F

Monochromacy



Original Color
802E2E

Achromatopsia
474747

Achromatomaly
5C3E3E

CSS Examples

Text

The CSS property to change the color of the text to Hex 802E2E 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 #802E2E looks like.

```
.text, #text, p{  
    color:#802E2E  
}
```

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 #802E2E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #802E2E
}
```

Border

The CSS property to change the border of an element to Hex 802E2E is called "border". The border property can be set on classes, ids or directly on the HTML element.

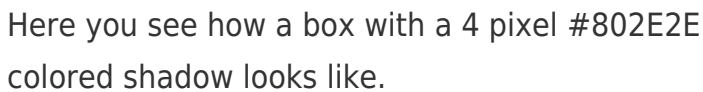
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#802E2E }
```

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

```
.border{ border-color:#802E2E }
```

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



Here you see how a box with a 4 pixel #802E2E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #802E2E; -webkit-box-shadow:4px 4px  
4px 4px #802E2E; box-shadow:4px 4px 4px  
4px #802E2E }
```

Background

The CSS property to change the background color of an element to Hex 802E2E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#802E2E }
```

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

```
.background{ background-color:#802E2E }
```

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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