

Converting Colors

Hex(802E44)

Have a look what the booklet for
Hex(802E44) contains.

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Color

Hex(802E44)

Conversions

Conversions Part 1

Format	Color
Hex	802E44
RGB	128, 46, 68
RGB Percent	50%, 18%, 27%
CMY	0.4980, 0.8196, 0.7333
CMYK	0.00, 0.64, 0.47, 0.50
HSL	344°, 47%, 34%
HSV	344°, 64%, 50%
XYZ	10.9225, 6.9605, 6.2367
YIQ	73.0260, 41.8100, 24.2260

Conversions

Conversions Part 2

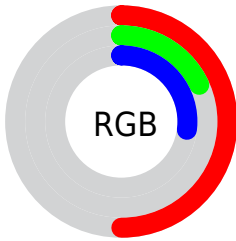
Format	Color
R_{YB}	128, 46, 68
Decimal	8400452
CIE Lab	31.72, 37.41, 5.18
CIE LCh	32, 37.768, 7.876
Yxy	6.9605, 0.4528, 0.2886
Android (android.graphics.Color)	4286590532 (0xFF802E44)
YUV	73.0260, -2.4778, 48.2122
Hunter-Lab	26.3828, 27.7289, 4.4523

Details

The Hex color **802E44** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **2E806A**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **B86074**, and **4A0019** is the 20% darker color. If you saturate the color by 10%, you get **80213B**, and if you desaturate by 10%, it is **803B4D**.

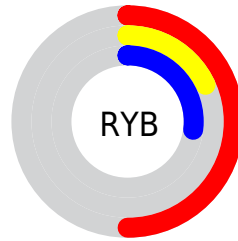
Distribution



Red (50%)

Green (18%)

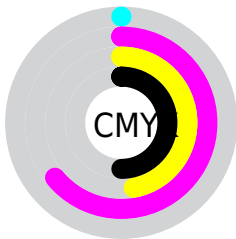
Blue (27%)



Red (50%)

Yellow (18%)

Blue (27%)

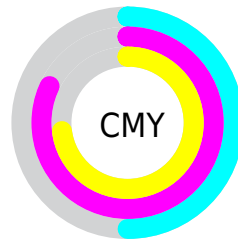


Cyan (0%)

Magenta (64%)

Yellow (47%)

Black (50%)



Cyan (50%)

Magenta (82%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 802E44 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 802E44 by changing the saturation by 10% instead.

 802E44

 802E44

FFFFFF

 65142E

 B86074

 4A0019

 D57A8D

 330001

 F295A8

 040000

 FFB0C3

 000000

 FFCCDF

 FFE9FB

 802E44

 802E44

 80213B

 803B4D

■ 801431

■ 804857

■ 800828

■ 805460

■ 800022

■ 806169

■ 806E73

■ 807B7C

■ 808886

■ 80948F

■ 80A198

Harmonies

Analogous

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



743362



802E44



7C3528

Triad

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



802E44



335318



005481

Complementary

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



802E44



2E806A

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.



00586E



802E44



005733

Square

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



802E44



534C07



005952



154B85

Rectangle

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



802E44



723D18



005952



00557C

Sweetspot

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



802E44



A6868F



692E80



544146



D4D4D4



545454

Same Dimension

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



802E44



A62648



80402E



40393B



800022



000000

Inverse Universe

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



802E44



A62648



2E6E80



40393B



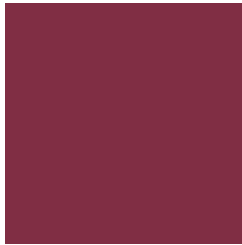
800022



000000

Previews

White Background



This preview shows how the Hex color 802E44 looks on a white background.

Color Contrast Check

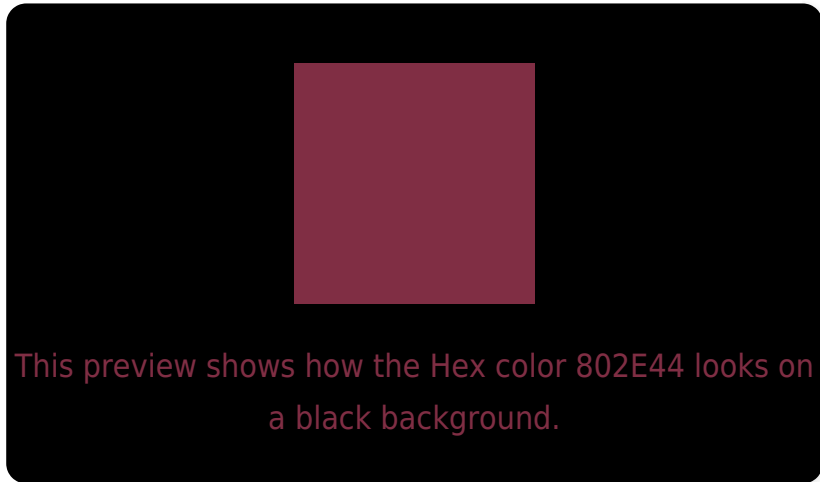
Large Text (above 18pt) WCAG AA ✓ Pass

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

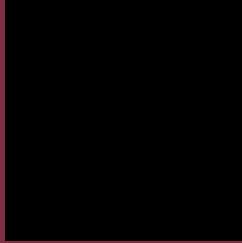
Any Text WCAG AA × Fail

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 802E44 Background



This preview shows how black text looks on a background with the Hex color 802E44.

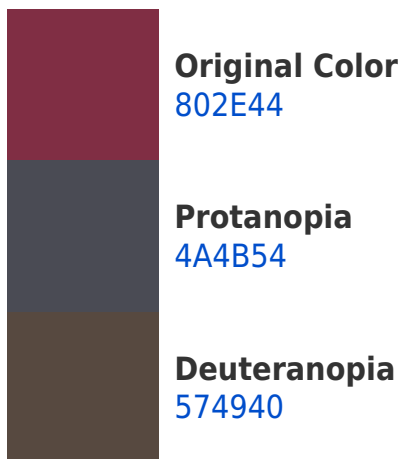


This preview shows how white text looks on a background with the Hex color 802E44.

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





Tritanopia
7F3134

Trichromacy



Original Color
802E44

Protanomaly
5E404E

Deuteranomaly
663F41

Tritanomaly
7F303A

Monochromacy



Original Color
802E44

Achromatopsia
494949

Achromatomaly
5D3F47

CSS Examples

Text

The CSS property to change the color of the text to Hex 802E44 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 #802E44 looks like.

```
.text, #text, p{  
    color:#802E44  
}
```

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 #802E44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #802E44
}
```

Border

The CSS property to change the border of an element to Hex 802E44 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".

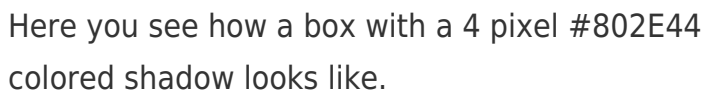
```
.border, #border, table{ border:4px solid
#802E44 }
```

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

```
.border{ border-color:#802E44 }
```

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

Here you see how a box with a 4 pixel #802E44 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #802E44; -webkit-box-shadow:4px 4px  
4px 4px #802E44; box-shadow:4px 4px 4px  
4px #802E44 }
```

Background

The CSS property to change the background color of an element to Hex 802E44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#802E44 }
```

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

```
.background{ background-color:#802E44 }
```

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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