

Converting Colors

Hex(802D2D)

Have a look what the booklet for
Hex(802D2D) contains.

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Color

Hex(802D2D)

Conversions

Conversions Part 1

Format	Color
Hex	802D2D
RGB	128, 45, 45
RGB Percent	50%, 18%, 18%
CMY	0.4980, 0.8235, 0.8235
CMYK	0.00, 0.65, 0.65, 0.50
HSL	0°, 48%, 34%
HSV	0°, 65%, 50%
XYZ	10.3141, 6.6554, 3.2236
YIQ	69.8170, 49.4680, 17.5960

Conversions

Conversions Part 2

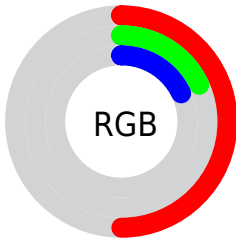
Format	Color
RYB	128, 45, 45
Decimal	8400173
CIELab	31.01, 35.86, 19.18
CIElCh	31, 40.669, 28.137
Yxy	6.6554, 0.5108, 0.3296
Android (android.graphics.Color)	4286590253 (0xFF802D2D)
YUV	69.8170, -12.2348, 51.0265
Hunter-Lab	25.7981, 26.2179, 10.6500

Details

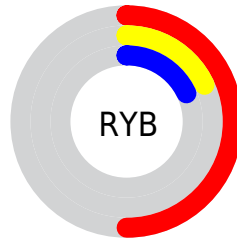
The Hex color **802D2D** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **2D8080**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **B95F5B**, and **4A0000** is the 20% darker color. If you saturate the color by 10%, you get **802020**, and if you desaturate by 10%, it is **803A3A**.

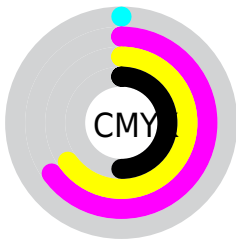
Distribution



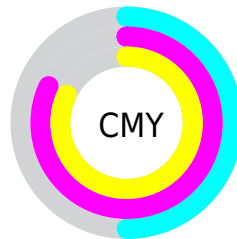
- Red (50%)
- Green (18%)
- Blue (18%)



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



- Cyan (0%)
- Magenta (65%)
- Yellow (65%)
- Black (50%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 802D2D 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 802D2D by changing the saturation by 10% instead.

 802D2D

 802D2D

FFFFFF

 641318

 B95F5B

 4A0000

 D77973

 310001

 F4938D

 000000

 FFAFA7

 FFCAC2

 FFE7DE

 FFFFFB

 802D2D

 802D2D

■ 802020

■ 803A3A

■ 801313

■ 804747

■ 800707

■ 805353

■ 800000

■ 806060

■ 806D6D

■ 807A7A

■ 808787

■ 809393

■ 80A0A0

Harmonies

Analogous

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



80294C



802D2D



723A11

Triad

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



802D2D



015525



004D89

Complementary

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



802D2D



2D8080

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.



00557F



802D2D



005746

Square

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



802D2D



3B5008



005766



444181

Rectangle

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



802D2D



634302



005766



005087

Sweetspot

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



802D2D



A68686



802D80



544141



D4D4D4



545454

Same Dimension

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



802D2D



A62424



80572D



403939



800000



000000

Inverse Universe

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



2D8080



24A6A6



2D5780



394040



008080



000000

Previews

White Background



This preview shows how the Hex color 802D2D looks on a white background.

Color Contrast Check

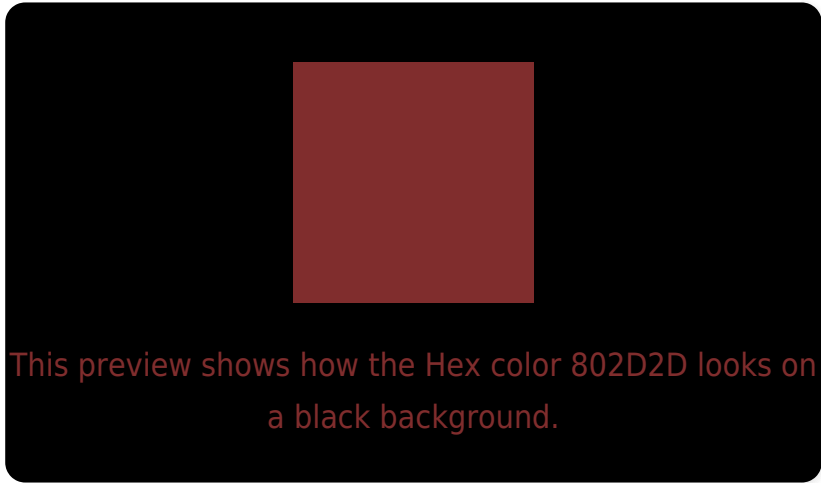
Large Text (above 18pt) WCAG AA ✓ Pass

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 802D2D Background



This preview shows how black text looks on a background with the Hex color 802D2D.

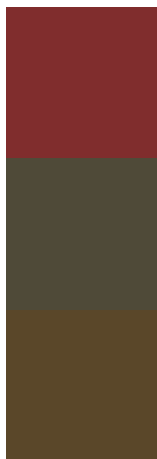


This preview shows how white text looks on a background with the Hex color 802D2D.

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
802D2D

Protanopia
4F4A38

Deuteranopia
5A4729



Tritanopia
802D2F

Trichromacy



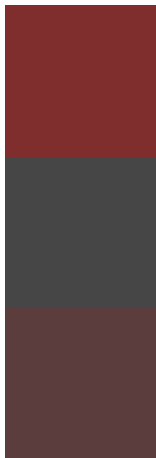
Original Color
802D2D

Protanomaly
613F34

Deuteranomaly
683E2A

Tritanomaly
802D2E

Monochromacy



Original Color
802D2D

Achromatopsia
464646

Achromatomaly
5B3D3D

CSS Examples

Text

The CSS property to change the color of the text to Hex 802D2D 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 #802D2D looks like.

```
.text, #text, p{  
    color:#802D2D  
}
```

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 #802D2D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #802D2D
}
```

Border

The CSS property to change the border of an element to Hex 802D2D is called "border". The border property can be set on classes, ids or directly on the HTML element.

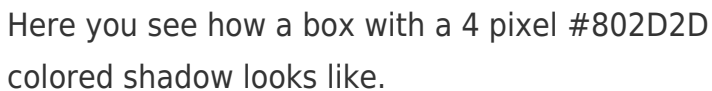
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#802D2D }
```

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

```
.border{ border-color:#802D2D }
```

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



Here you see how a box with a 4 pixel #802D2D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #802D2D; -webkit-box-shadow:4px 4px  
4px 4px #802D2D; box-shadow:4px 4px 4px  
4px #802D2D }
```

Background

The CSS property to change the background color of an element to Hex 802D2D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#802D2D }
```

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

```
.background{ background-color:#802D2D }
```

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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