

Converting Colors

Hex(822800)

Have a look what the booklet for
Hex(822800) contains.

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Color

Hex(822800)

Conversions

Conversions Part 1

Format	Color
Hex	822800
RGB	130, 40, 0
RGB Percent	51%, 16%, 0%
CMY	0.4902, 0.8431, 1.0000
CMYK	0.00, 0.69, 1.00, 0.49
HSL	18°, 100%, 25%
HSV	18°, 100%, 51%
XYZ	9.9647, 6.2634, 0.6838
YIQ	62.3500, 66.4800, 6.6400

Conversions

Conversions Part 2

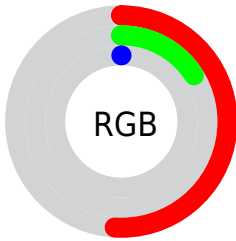
Format	Color
R_{YB}	130, 58, 0
Decimal	8529920
CIE Lab	30.07, 37.20, 42.06
CIE LCh	30, 56.149, 48.511
Yxy	6.2634, 0.5892, 0.3704
Android (android.graphics.Color)	4286720000 (0xFF822800)
YUV	62.3500, -30.7385, 59.3291
Hunter-Lab	25.0268, 27.2749, 15.8989

Details

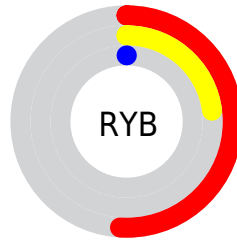
The Hex color **822800** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **005A82**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **BE5A30**, and **480000** is the 20% darker color. If you saturate the color by 10%, you get **822800**, and if you desaturate by 10%, it is **82310D**.

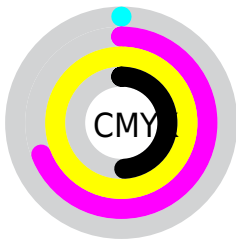
Distribution



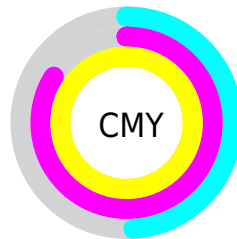
- Red (51%)
- Green (16%)
- Blue (0%)



- Red (51%)
- Yellow (23%)
- Blue (0%)



- Cyan (0%)
- Magenta (69%)
- Yellow (100%)
- Black (49%)



- Cyan (49%)
- Magenta (84%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 822800 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 822800 by changing the saturation by 10% instead.

 822800

 822800

 FFFFE7

 650C00

 BE5A30

 480000

 DC7448

 300002

 FB8E61

 000000

 FFA97A

 FFC594

 FFE2AF

 FFFFCB

 822800

 82310D

 823A1A

 824327

 824C34

 825541

 825E4E

 82675B

 827068

 827975

Harmonies

Analogous

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



91042E



822800



653F00

Triad

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



822800



005834



00439B

Complementary

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



822800



005A82

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.



00519E



822800



005962

Square

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



822800



005400



005888



682B81

Rectangle

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



822800



4D4900



005888



00499F

Sweetspot

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



822800



A88576



82005B



543F36



D4D4D4



545454

Same Dimension

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



822800



A83400



826800



403B39



802700



000000

Inverse Universe

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



005A82



0075A8



001A82



393E40



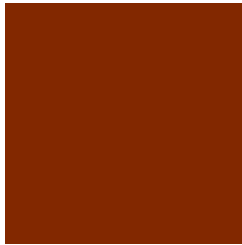
005880



000000

Previews

White Background



This preview shows how the Hex color 822800 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

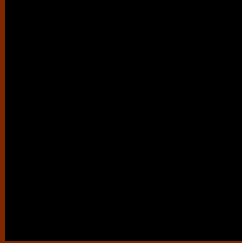
Any Text WCAG AA × Fail

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 822800 Background



This preview shows how black text looks on a background with the Hex color 822800.



This preview shows how white text looks on a background with the Hex color 822800.

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
822800

Protanopia
51480E

Tritanopia
832527

Trichromacy



Original Color
822800

Protanomaly
633C09

Tritanomaly
832619

Monochromacy



Original Color
822800

Achromatopsia
3E3E3E

Achromatomaly
573627

CSS Examples

Text

The CSS property to change the color of the text to Hex 822800 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 #822800 looks like.

```
.text, #text, p{  
    color:#822800  
}
```

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 #822800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #822800
}
```

Border

The CSS property to change the border of an element to Hex 822800 is called "border". The border property can be set on classes, ids or directly on the HTML element.

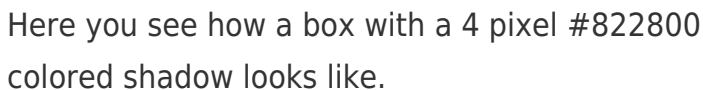
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#822800 }
```

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

```
.border{ border-color:#822800 }
```

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



Here you see how a box with a 4 pixel #822800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #822800; -webkit-box-shadow:4px 4px  
4px 4px #822800; box-shadow:4px 4px 4px  
4px #822800 }
```

Background

The CSS property to change the background color of an element to Hex 822800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#822800 }
```

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

```
.background{ background-color:#822800 }
```

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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