

Converting Colors

Hex(812800)

Have a look what the booklet for
Hex(812800) contains.

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Color

Hex(812800)

Conversions

Conversions Part 1

Format	Color
Hex	812800
RGB	129, 40, 0
RGB Percent	51%, 16%, 0%
CMY	0.4941, 0.8431, 1.0000
CMYK	0.00, 0.69, 1.00, 0.49
HSL	19°, 100%, 25%
HSV	19°, 100%, 51%
XYZ	9.8121, 6.1847, 0.6766
YIQ	62.0510, 65.8840, 6.4280

Conversions

Conversions Part 2

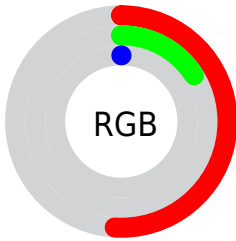
Format	Color
R_{YB}	129, 58, 0
Decimal	8464384
CIE Lab	29.87, 36.82, 41.83
CIE LCh	30, 55.727, 48.642
Yxy	6.1847, 0.5885, 0.3709
Android (android.graphics.Color)	4286654464 (0xFF812800)
YUV	62.0510, -30.5911, 58.7143
Hunter-Lab	24.8691, 26.9060, 15.7952

Details

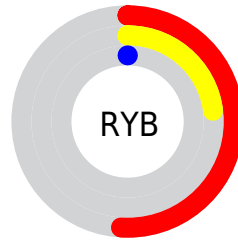
The Hex color **812800** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **005981**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **BD5A30**, and **470000** is the 20% darker color. If you saturate the color by 10%, you get **812800**, and if you desaturate by 10%, it is **81310D**.

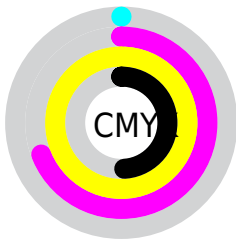
Distribution



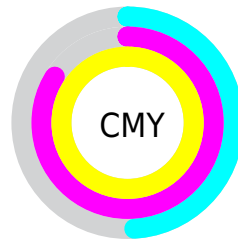
- Red (51%)
- Green (16%)
- Blue (0%)



- 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 812800 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 812800 by changing the saturation by 10% instead.

 812800

 812800

 FFFFE7

 640C00

 BD5A30

 470000

 DB7448

 2F0002

 FA8E60

 000000

 FFA97A

 FFC594

 FFE1AF

 FFFECB


 812800

 81310D


 813A1A


 814327


 814C34

 815541

 815D4D

 81665A

 816F67

 817874

Harmonies

Analogous

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



90052E



812800



653F00

Triad

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



812800



005734



00429A

Complementary

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



812800



005981

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.



00519C



812800



005861

Square

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



812800



005400



005787



682A80

Rectangle

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



812800



4C4900



005787



00489D

Sweetspot

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



812800



A88576



81005A



543F36



D4D4D4



545454

Same Dimension

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



812800



A83400



816700



403B39



802800



000000

Inverse Universe

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



005981



0074A8



001A81



393E40



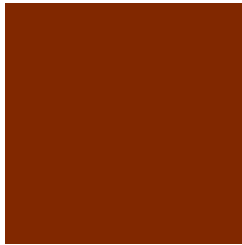
005880



000000

Previews

White Background



This preview shows how the Hex color 812800 looks on a white background.

Color Contrast Check

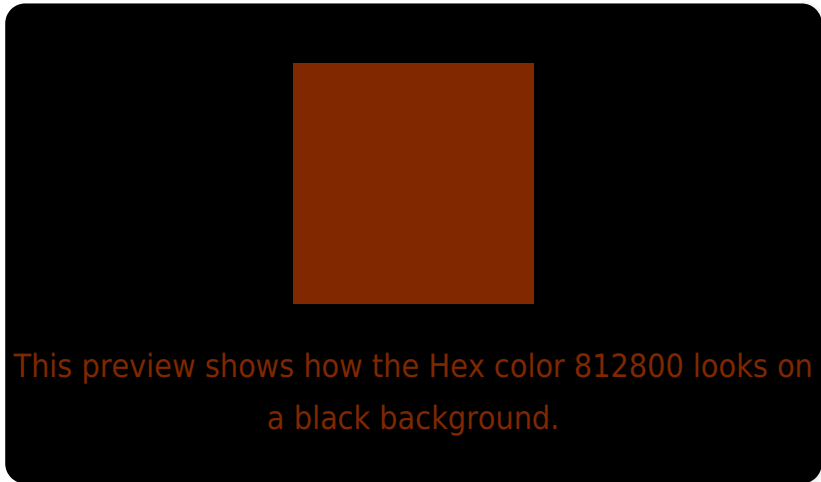
Large Text (above 18pt) WCAG AA ✓ Pass

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 812800 Background



This preview shows how black text looks on a background with the Hex color 812800.



This preview shows how white text looks on a background with the Hex color 812800.

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
812800

Protanopia
51480E

Deuteranopia
5B4400



Tritanopia
822527

Trichromacy



Original Color
812800

Protanomaly
623C09

Deuteranomaly
693A00

Tritanomaly
822619

Monochromacy



Original Color
812800

Achromatopsia
3E3E3E

Achromatomaly
563627

CSS Examples

Text

The CSS property to change the color of the text to Hex 812800 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 #812800 looks like.

```
.text, #text, p{  
    color:#812800  
}
```

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 #812800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #812800
}
```

Border

The CSS property to change the border of an element to Hex 812800 is called "border". The border property can be set on classes, ids or directly on the HTML element.

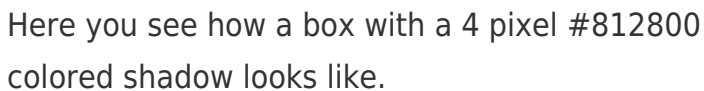
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#812800 }
```

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

```
.border{ border-color:#812800 }
```

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



Here you see how a box with a 4 pixel #812800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #812800; -webkit-box-shadow:4px 4px  
4px 4px #812800; box-shadow:4px 4px 4px  
4px #812800 }
```

Background

The CSS property to change the background color of an element to Hex 812800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#812800 }
```

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

```
.background{ background-color:#812800 }
```

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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