

Converting Colors

Hex(812100)

Have a look what the booklet for
Hex(812100) contains.

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Color

Hex(812100)

Conversions

Conversions Part 1

Format	Color
Hex	812100
RGB	129, 33, 0
RGB Percent	51%, 13%, 0%
CMY	0.4941, 0.8706, 1.0000
CMYK	0.00, 0.74, 1.00, 0.49
HSL	15°, 100%, 25%
HSV	15°, 100%, 51%
XYZ	9.5971, 5.7548, 0.6050
YIQ	57.9420, 67.8090, 10.0890

Conversions

Conversions Part 2

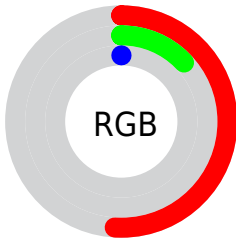
Format	Color
R_{YB}	129, 44, 0
Decimal	8462592
CIE Lab	28.79, 39.79, 40.98
CIE LCh	29, 57.116, 45.843
Yxy	5.7548, 0.6014, 0.3606
Android (android.graphics.Color)	4286652672 (0xFF812100)
YUV	57.9420, -28.5654, 62.3179
Hunter-Lab	23.9892, 29.4294, 15.2973

Details

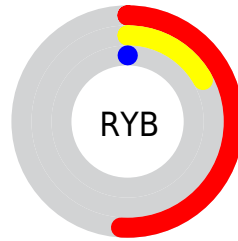
The Hex color **812100** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **006081**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **BD5430**, and **470000** is the 20% darker color. If you saturate the color by 10%, you get **812100**, and if you desaturate by 10%, it is **812B0D**.

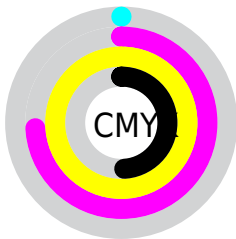
Distribution



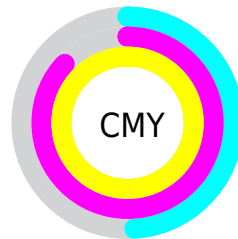
- Red (51%)
- Green (13%)
- Blue (0%)



- Red (51%)
- Yellow (17%)
- Blue (0%)



- Cyan (0%)
- Magenta (74%)
- Yellow (100%)
- Black (49%)



- Cyan (49%)
- Magenta (87%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 812100 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 812100 by changing the saturation by 10% instead.

 812100

 812100

 FFFFE6

 640100

 BD5430

 470000

 DC6E47

 2E0002

 FB8960


 000000

 FFA479


 FFBF93

 FFDCAE

 FFF9CA


 812100

 812B0D


 81341A

 813E27


 814734

 815141

 815B4D

 81645A

 816E67

 817774

Harmonies

Analogous

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



8E002F



812100



653A00

Triad

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



812100



00552D



00429A

Complementary

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



812100



006081

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.



004F9B



812100



00565B

Square

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



812100



005100



005583



612982

Rectangle

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



812100



4D4500



005583



00479D

Sweetspot

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



812100



A88376



810061



543E36



D4D4D4



545454

Same Dimension

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



812100



A82B00



816100



403B39



802100



000000

Inverse Universe

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



006081



007DA8



002081



393E40



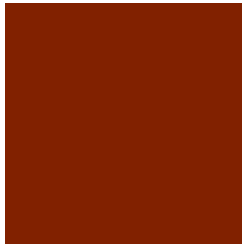
005F80



000000

Previews

White Background



This preview shows how the Hex color 812100 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 812100 Background



This preview shows how black text looks on a background with the Hex color 812100.



This preview shows how white text looks on a background with the Hex color 812100.

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
812100

Protanopia
4E460F

Deuteranopia
584200



Tritanopia
811F20

Trichromacy



Original Color
812100

Protanomaly
61390A

Deuteranomaly
673600

Tritanomaly
812014

Monochromacy



Original Color
812100

Achromatopsia
3A3A3A

Achromatomaly
543125

CSS Examples

Text

The CSS property to change the color of the text to Hex 812100 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 #812100 looks like.

```
.text, #text, p{  
    color:#812100  
}
```

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 #812100 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #812100 }  
}
```

Border

The CSS property to change the border of an element to Hex 812100 is called "border". The border property can be set on classes, ids or directly on the HTML element.

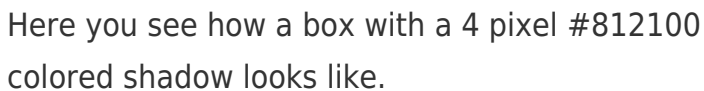
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #812100 }  
}
```

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

```
.border{ border-color:#812100 }
```

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



Here you see how a box with a 4 pixel #812100 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #812100; -webkit-box-shadow:4px 4px  
4px 4px #812100; box-shadow:4px 4px 4px  
4px #812100 }
```

Background

The CSS property to change the background color of an element to Hex 812100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#812100 }
```

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

```
.background{ background-color:#812100 }
```

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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