

Converting Colors

Hex(812837)

Have a look what the booklet for
Hex(812837) contains.

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Color

Hex(812837)

Conversions

Conversions Part 1

Format	Color
Hex	812837
RGB	129, 40, 55
RGB Percent	51%, 16%, 22%
CMY	0.4941, 0.8431, 0.7843
CMYK	0.00, 0.69, 0.57, 0.49
HSL	350°, 53%, 33%
HSV	350°, 69%, 51%
XYZ	10.5016, 6.4605, 4.3079
YIQ	68.3210, 48.2290, 23.5330

Conversions

Conversions Part 2

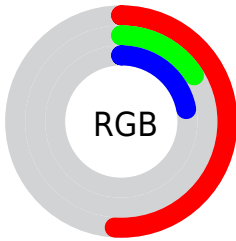
Format	Color
RYB	129, 40, 55
Decimal	8464439
CIELab	30.55, 39.30, 12.10
CIELCh	31, 41.118, 17.116
Yxy	6.4605, 0.4937, 0.3037
Android (android.graphics.Color)	4286654519 (0xFF812837)
YUV	68.3210, -6.5673, 53.2155
Hunter-Lab	25.4176, 29.2690, 7.7435

Details

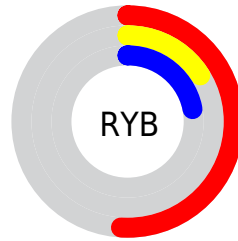
The Hex color **812837** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **288172**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **BA5B66**, and **4A000C** is the 20% darker color. If you saturate the color by 10%, you get **811B2C**, and if you desaturate by 10%, it is **813542**.

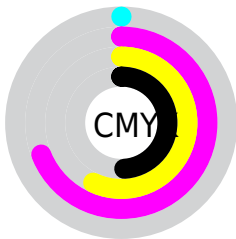
Distribution



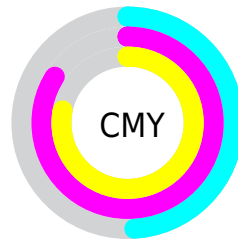
- Red (51%)
- Green (16%)
- Blue (22%)



- Red (51%)
- Yellow (16%)
- Blue (22%)



- Cyan (0%)
- Magenta (69%)
- Yellow (57%)
- Black (49%)



- Cyan (49%)
- Magenta (84%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 812837 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 812837 by changing the saturation by 10% instead.

 812837

 812837

FFFFFF

 650B22

 BA5B66

 4A000C

 D7757F

 320001

 F59098

 000000


 FFABB3


 FFC7CF

 FFE3EB

 812837

 812837

 811B2C

 813542

■ 810E22

■ 81424C

■ 810117

■ 814F57

■ 810016

■ 815C62

■ 81696D

■ 817577

■ 818282

■ 818F8D

■ 819C98

Harmonies

Analogous

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



7A2957



812837



783419

Triad

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



812837



1E5319



005087

Complementary

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



812837



288172

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.



005576



812837



005639

Square

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



812837



464C00



00575A



294586

Rectangle

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



812837



6B3D07



00575A



005283

Sweetspot

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



812837



A8858B



712881



543F43



D4D4D4



545454

Same Dimension

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



812837



A81D34



814428



40393A



800015



000000

Inverse Universe

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



812837



A81D34



286581



40393A



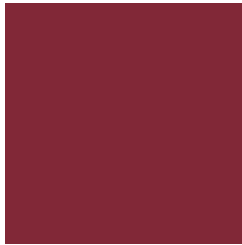
800015



000000

Previews

White Background



This preview shows how the Hex color 812837 looks on a white background.

Color Contrast Check

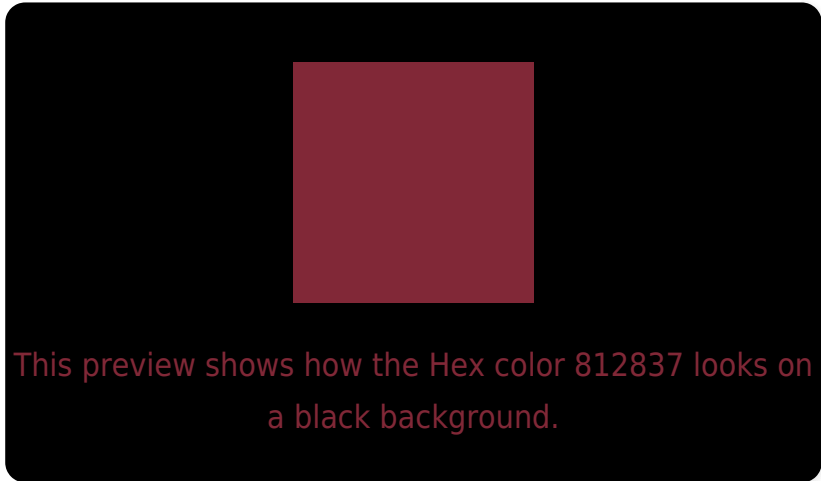
Large Text (above 18pt) WCAG AA ✓ Pass

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

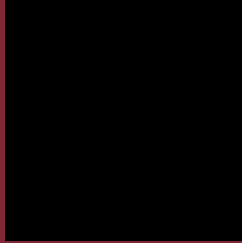
Any Text WCAG AA × Fail

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 812837 Background



This preview shows how black text looks on a background with the Hex color 812837.

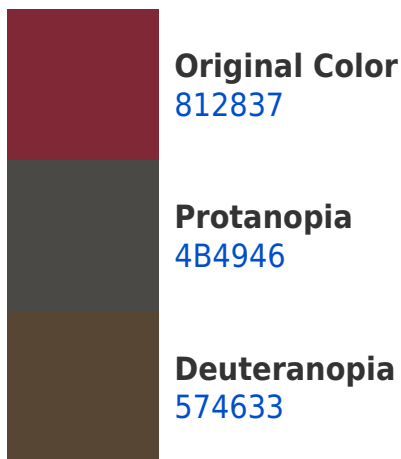


This preview shows how white text looks on a background with the Hex color 812837.

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



Trichromacy



Original Color
812837

Protanomaly
5F3D41

Deuteranomaly
663B34

Tritanomaly
802930

Monochromacy



Original Color
812837

Achromatopsia
444444

Achromatomaly
5A3A3F

CSS Examples

Text

The CSS property to change the color of the text to Hex 812837 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 #812837 looks like.

```
.text, #text, p{  
    color:#812837  
}
```

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 #812837 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #812837
}
```

Border

The CSS property to change the border of an element to Hex 812837 is called "border". The border property can be set on classes, ids or directly on the HTML element.

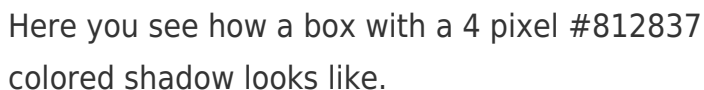
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#812837 }
```

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

```
.border{ border-color:#812837 }
```

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



Here you see how a box with a 4 pixel #812837 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #812837; -webkit-box-shadow:4px 4px  
4px 4px #812837; box-shadow:4px 4px 4px  
4px #812837 }
```

Background

The CSS property to change the background color of an element to Hex 812837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#812837 }
```

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

```
.background{ background-color:#812837 }
```

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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