

Converting Colors

Hex(812235)

Have a look what the booklet for
Hex(812235) contains.

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Color

Hex(812235)

Conversions

Conversions Part 1

Format	Color
Hex	812235
RGB	129, 34, 53
RGB Percent	51%, 13%, 21%
CMY	0.4941, 0.8667, 0.7922
CMYK	0.00, 0.74, 0.59, 0.49
HSL	348°, 58%, 32%
HSV	348°, 74%, 51%
XYZ	10.2679, 6.0682, 3.9983
YIQ	64.5710, 50.5210, 26.0490

Conversions

Conversions Part 2

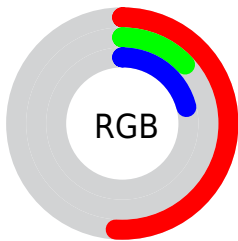
Format	Color
R_{YB}	129, 34, 53
Decimal	8462901
CIE _{Lab}	29.58, 41.65, 12.12
CIE _{LCh}	30, 43.376, 16.221
Yxy	6.0682, 0.5050, 0.2984
Android (android.graphics.Color)	4286652981 (0xFF812235)
YUV	64.5710, -5.7045, 56.5042
Hunter-Lab	24.6338, 31.2936, 7.6204

Details

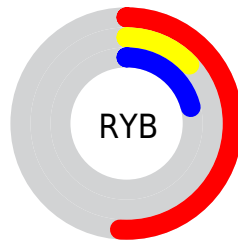
The Hex color **812235** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **22816E**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **BA5663**, and **4A0008** is the 20% darker color. If you saturate the color by 10%, you get **81152B**, and if you desaturate by 10%, it is **812F3F**.

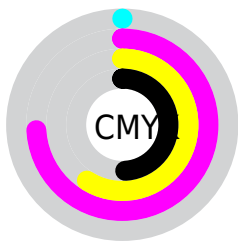
Distribution



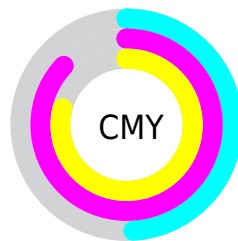
- Red (51%)
- Green (13%)
- Blue (21%)



- Red (51%)
- Yellow (13%)
- Blue (21%)



- Cyan (0%)
- Magenta (74%)
- Yellow (59%)
- Black (49%)



- Cyan (49%)
- Magenta (87%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 812235 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 812235 by changing the saturation by 10% instead.

812235

812235

FFFFFF

650120

BA5663

4A0008

D8707C

320002

F68B96

000000

FFA6B1

FFC2CC

FFDEE8

FFFBFF

812235

812235

■ 81152B

■ 812F3F

■ 810820

■ 813C4A

■ 81001A

■ 814954

■ 81565E

■ 816269

■ 816F73

■ 817C7D

■ 818988

■ 819692

Harmonies

Analogous

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



7A2457



812235



772F15

Triad

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



812235



195112



004E87

Complementary

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



812235



22816E

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.



005376



812235



005434

Square

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



812235



444A00



005558



1D4387

Rectangle

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



812235



6A3A00



005558



005083

Sweetspot

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



812235



A8838B



6E2281



543E43



D4D4D4



545454

Same Dimension

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



812235



A81432



813F22



40393B



80001A



000000

Inverse Universe

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



812235



A81432



226481



40393B



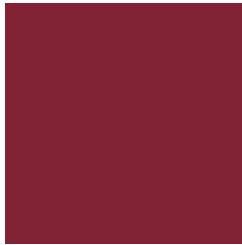
80001A



000000

Previews

White Background



This preview shows how the Hex color 812235 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 812235 Background



This preview shows how black text looks on a background with the Hex color 812235.



This preview shows how white text looks on a background with the Hex color 812235.

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
812235

Protanopia
494746

Deuteranopia
554430

Trichromacy



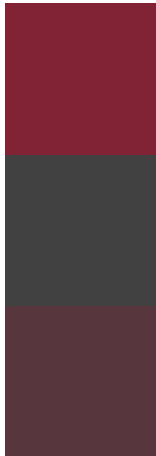
Original Color
812235

Protanomaly
5D3A40

Deuteranomaly
653832

Tritanomaly
80242C

Monochromacy



Original Color
812235

Achromatopsia
414141

Achromatomaly
58363D

CSS Examples

Text

The CSS property to change the color of the text to Hex 812235 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 #812235 looks like.

```
.text, #text, p{  
    color:#812235  
}
```

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 #812235 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #812235
}
```

Border

The CSS property to change the border of an element to Hex 812235 is called "border". The border property can be set on classes, ids or directly on the HTML element.

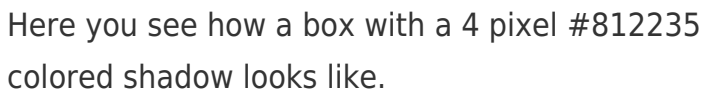
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#812235 }
```

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

```
.border{ border-color:#812235 }
```

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



Here you see how a box with a 4 pixel #812235 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #812235; -webkit-box-shadow:4px 4px  
4px 4px #812235; box-shadow:4px 4px 4px  
4px #812235 }
```

Background

The CSS property to change the background color of an element to Hex 812235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#812235 }
```

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

```
.background{ background-color:#812235 }
```

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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