

Converting Colors

Hex(8D412B)

Have a look what the booklet for
Hex(8D412B) contains.

Hex(8D412B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(8D412B)

Conversions

Conversions Part 1

Format	Color
Hex	8D412B
RGB	141, 65, 43
RGB Percent	55%, 25%, 17%
CMY	0.4471, 0.7451, 0.8314
CMYK	0.00, 0.54, 0.70, 0.45
HSL	13°, 53%, 36%
HSV	13°, 70%, 55%
XYZ	13.3108, 9.6177, 3.4403
YIQ	85.2160, 52.3580, 9.2700

Conversions

Conversions Part 2

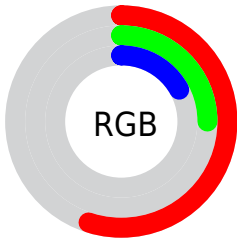
Format	Color
R_{YB}	141, 71, 43
Decimal	9257259
CIE Lab	37.15, 30.57, 28.41
CIE LCh	37, 41.729, 42.899
Yxy	9.6177, 0.5048, 0.3647
Android (android.graphics.Color)	4287447339 (0xFF8D412B)
YUV	85.2160, -20.8125, 48.9226
Hunter-Lab	31.0125, 22.3421, 15.1314

Details

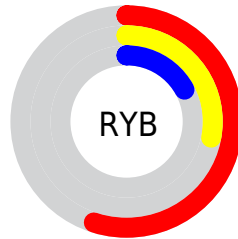
The Hex color **8D412B** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **2B778D**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **C77359**, and **561000** is the 20% darker color. If you saturate the color by 10%, you get **8D361D**, and if you desaturate by 10%, it is **8D4C39**.

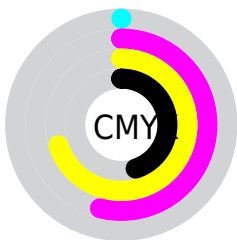
Distribution



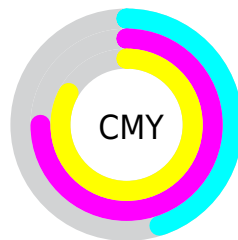
- Red (55%)
- Green (25%)
- Blue (17%)



- Red (55%)
- Yellow (28%)
- Blue (17%)



- Cyan (0%)
- Magenta (54%)
- Yellow (70%)
- Black (45%)



- Cyan (45%)
- Magenta (75%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the Hex color 8D412B 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 8D412B by changing the saturation by 10% instead.

 8D412B

 8D412B

FFFFFF

 712916

 C77359

 561000

 E58D72

 3A0000

 FFA88C

 200001

 FFC3A6

 000000

 FFDFC1

 FFFCDD

 FFFFFA

 8D412B

 8D412B

■ 8D361D

■ 8D4C39

■ 8D2B0F

■ 8D5747

■ 8D2001

■ 8D6255

■ 8D2000

■ 8D6D63

■ 8D7872

■ 8D8380

■ 8D8E8E

■ 8D989C

■ 8DA3AA

Harmonies

Analogous

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



94384A



8D412B



784F12

Triad

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



8D412B



006642



2F5699

Complementary

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



8D412B



2B778D

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.



006098



8D412B



006765

Square

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



8D412B



356223



006684



6C4889

Rectangle

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



8D412B



66570B



006684



005A9B

Sweetspot

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



8D412B



B89A91



8D2B78



5C4A45



DBDBDB



5C5C5C

Same Dimension

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



8D412B



B8411F



8D712B



474240



871E00



080200

Inverse Universe

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



2B778D



1F95B8



2B478D



404647



006987



000608

Previews

White Background



This preview shows how the Hex color 8D412B looks on a white background.

Color Contrast Check

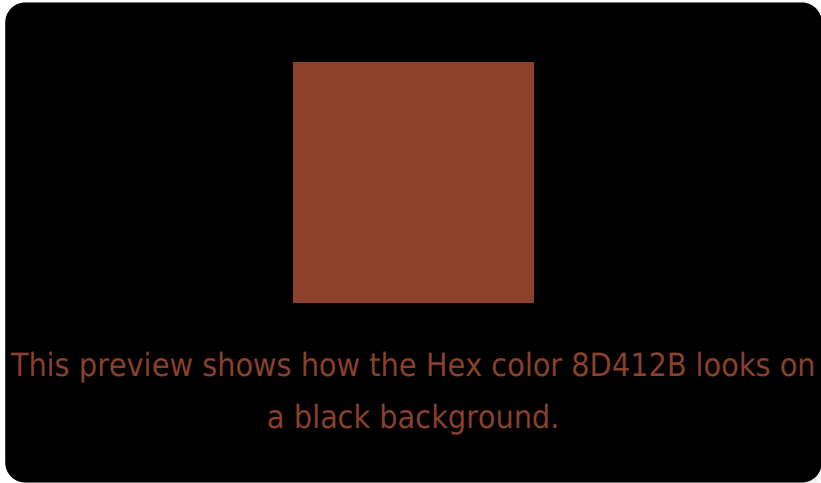
Large Text (above 18pt) WCAG AA ✓ Pass

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

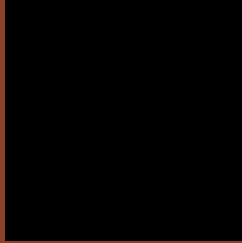
Any Text WCAG AA × Fail

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 8D412B Background



This preview shows how black text looks on a background with the Hex color 8D412B.



This preview shows how white text looks on a background with the Hex color 8D412B.

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
8D412B

Protanopia
615833

Deuteranopia
6D5427



Tritanopia
8E3E42

Trichromacy



Original Color
8D412B

Protanomaly
715030

Deuteranomaly
794D28

Tritanomaly
8E3F3A

Monochromacy



Original Color
8D412B

Achromatopsia
555555

Achromatomaly
694E46

CSS Examples

Text

The CSS property to change the color of the text to Hex 8D412B 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 #8D412B looks like.

```
.text, #text, p{  
    color:#8D412B  
}
```

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 #8D412B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8D412B
}
```

Border

The CSS property to change the border of an element to Hex 8D412B 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".

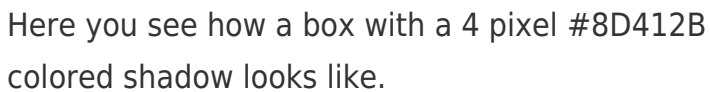
```
.border, #border, table{ border:4px solid
#8D412B }
```

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

```
.border{ border-color:#8D412B }
```

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

Here you see how a box with a 4 pixel #8D412B colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8D412B; -webkit-box-shadow:4px 4px  
4px 4px #8D412B; box-shadow:4px 4px 4px  
4px #8D412B }
```

Background

The CSS property to change the background color of an element to Hex 8D412B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8D412B }
```

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

```
.background{ background-color:#8D412B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor