

Converting Colors

Hex(85412D)

Have a look what the booklet for
Hex(85412D) contains.

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Color

Hex(85412D)

Conversions

Conversions Part 1

Format	Color
Hex	85412D
RGB	133, 65, 45
RGB Percent	52%, 25%, 18%
CMY	0.4784, 0.7451, 0.8235
CMYK	0.00, 0.51, 0.66, 0.48
HSL	14°, 49%, 35%
HSV	14°, 66%, 52%
XYZ	12.0368, 8.9566, 3.5770
YIQ	83.0520, 46.9480, 8.1960

Conversions

Conversions Part 2

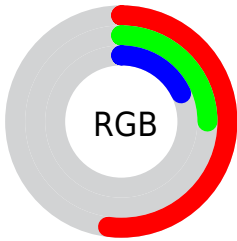
Format	Color
RYB	133, 71, 45
Decimal	8732973
CIELab	35.90, 27.38, 25.43
CIELCh	36, 37.367, 42.885
Yxy	8.9566, 0.4899, 0.3645
Android (android.graphics.Color)	4286923053 (0xFF85412D)
YUV	83.0520, -18.7596, 43.8044
Hunter-Lab	29.9276, 19.4191, 13.8628




Details

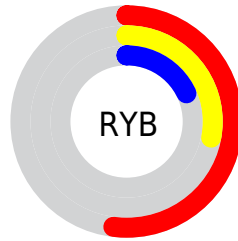
The Hex color **85412D** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **2D7185**, and the grayscale version is **535353**.




A 20% lighter version of the original color is **BE725B**, and **4F1200** is the 20% darker color. If you saturate the color by 10%, you get **853720**, and if you desaturate by 10%, it is **854B3A**.

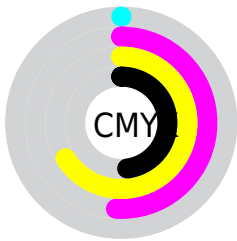
Distribution







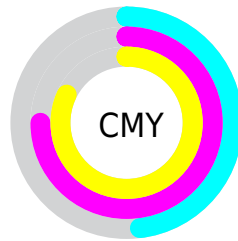
-  Red (52%)
-  Green (25%)
-  Blue (18%)






-  Red (52%)
-  Yellow (28%)
-  Blue (18%)



-  Cyan (0%)
-  Magenta (51%)
-  Yellow (66%)
-  Black (48%)



-  Cyan (48%)
-  Magenta (75%)
-  Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 85412D 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 85412D by changing the saturation by 10% instead.

 85412D

 85412D

FFFFFF

 692A18

 BE725B

 4F1200

 DB8C74

 340000

 F9A78E

 150000

 FFC2A8

 000000

 FFDFC4

 FFFBE0

 FFFFFC

 85412D

 85412D

■ 853720

■ 854B3A

■ 852C12

■ 855648

■ 852205

■ 856055

■ 851E00

■ 856A62

■ 857470

■ 857F7D

■ 85898A

■ 859397

■ 859DA5

Harmonies

Analogous

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



8B3949



85412D



734D19

Triad

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



85412D



006242



34538F

Complementary

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



85412D



2D7185

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.



005C8D



85412D



006361

Square

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



85412D



375E26



00617C



674781

Rectangle

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



85412D



625414



00617C



145790

Sweetspot

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



85412D



AD938B



852D72



574742



D6D6D6



575757

Same Dimension

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



85412D



AD4424



856C2D



423D3C



821E00



030100

Inverse Universe

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



2D7185



248EAD



2D4685



3C4142



006482



000203

Previews

White Background



This preview shows how the Hex color 85412D looks on a white background.

Color Contrast Check

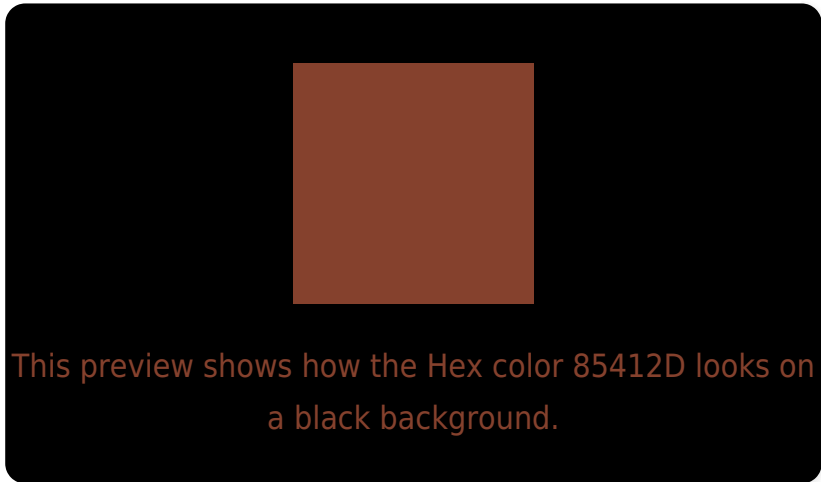
Large Text (above 18pt) WCAG AA ✓ Pass

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

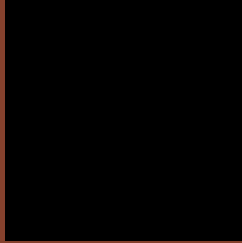
Any Text WCAG AA × Fail

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 85412D Background



This preview shows how black text looks on a background with the Hex color 85412D.



This preview shows how white text looks on a background with the Hex color 85412D.

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
85412D

Protanopia
5D5534

Deuteranopia
69512A



Tritanopia
863E43

Trichromacy



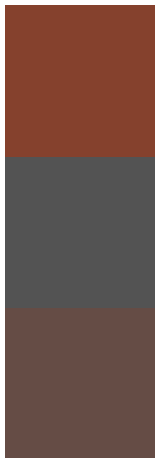
Original Color
85412D

Protanomaly
6C4E31

Deuteranomaly
734B2B

Tritanomaly
863F3B

Monochromacy



Original Color
85412D

Achromatopsia
535353

Achromatomaly
654C45

CSS Examples

Text

The CSS property to change the color of the text to Hex 85412D 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 #85412D looks like.

```
.text, #text, p{  
    color:#85412D  
}
```

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 #85412D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #85412D }  
}
```

Border

The CSS property to change the border of an element to Hex 85412D is called "border". The border property can be set on classes, ids or directly on the HTML element.

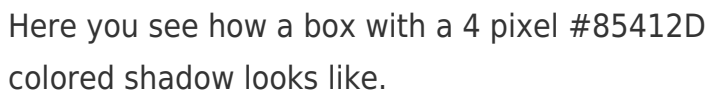
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid #85412D }  
}
```

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

```
.border{ border-color:#85412D }
```

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



Here you see how a box with a 4 pixel #85412D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #85412D; -webkit-box-shadow:4px 4px  
4px 4px #85412D; box-shadow:4px 4px 4px  
4px #85412D }
```

Background

The CSS property to change the background color of an element to Hex 85412D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#85412D }
```

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

```
.background{ background-color:#85412D }
```

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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