

Converting Colors

Hex(842E38)

Have a look what the booklet for
Hex(842E38) contains.

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Color

Hex(842E38)

Conversions

Conversions Part 1

Format	Color
Hex	842E38
RGB	132, 46, 56
RGB Percent	52%, 18%, 22%
CMY	0.4824, 0.8196, 0.7804
CMYK	0.00, 0.65, 0.58, 0.48
HSL	353°, 48%, 35%
HSV	353°, 65%, 52%
XYZ	11.2065, 7.1450, 4.5299
YIQ	72.8540, 48.0460, 21.3420

Conversions

Conversions Part 2

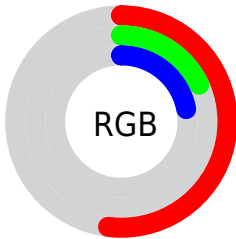
Format	Color
RYB	132, 46, 56
Decimal	8662584
CIELab	32.13, 37.70, 13.69
CIElCh	32, 40.109, 19.958
Yxy	7.1450, 0.4898, 0.3123
Android (android.graphics.Color)	4286852664 (0xFF842E38)
YUV	72.8540, -8.3090, 51.8710
Hunter-Lab	26.7302, 28.0574, 8.6635

Details

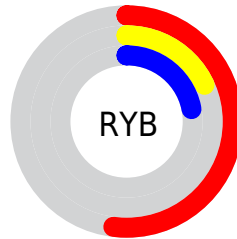
The Hex color **842E38** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **2E847A**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **BD6167**, and **4D000D** is the 20% darker color. If you saturate the color by 10%, you get **84212C**, and if you desaturate by 10%, it is **843B44**.

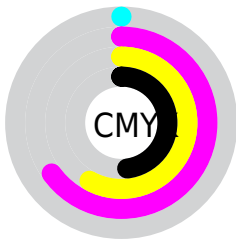
Distribution



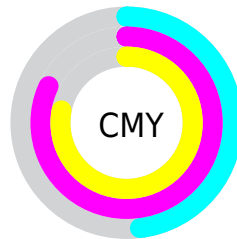
- Red (52%)
- Green (18%)
- Blue (22%)



- Red (52%)
- Yellow (18%)
- Blue (22%)



- Cyan (0%)
- Magenta (65%)
- Yellow (58%)
- Black (48%)



- Cyan (48%)
- Magenta (82%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 842E38 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 842E38 by changing the saturation by 10% instead.

842E38

842E38

FFFFFF

681323

BD6167

4D000D

DA7B80

340001

F8959A

0A0000

FFB0B4

000000

FFCCD0

FFE9EC

842E38

842E38

84212C

843B44

■ 841421

■ 84484F

■ 840615

■ 84565B

■ 84000F

■ 846367

■ 847072

■ 847D7E

■ 848A8A

■ 849895

■ 84A5A1

Harmonies

Analogous

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



7F2E58



842E38



7A391C

Triad

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



842E38



1F5720



00528A

Complementary

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



842E38



2E847A

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.



00587B



842E38



005A40

Square

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



842E38



475006



005A60



364887

Rectangle

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



842E38



6C420B



005A60



005587

Sweetspot

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



842E38



AB898D



7A2E84



574244



D6D6D6



575757

Same Dimension

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



842E38



AB2635



844F2E



423C3C



82000F



030000

Inverse Universe

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



842E38



AB2635



2E6384



423C3C



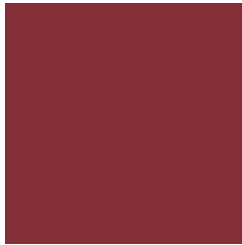
82000F



030000

Previews

White Background



This preview shows how the Hex color 842E38 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

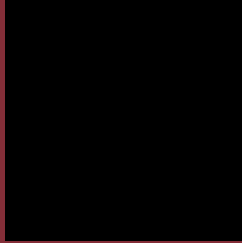
Any Text WCAG AA × Fail

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 842E38 Background



This preview shows how black text looks on a background with the Hex color 842E38.



This preview shows how white text looks on a background with the Hex color 842E38.

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
842E38

Protanopia
504C46

Deuteranopia
5C4934



Tritanopia
842F32

Trichromacy



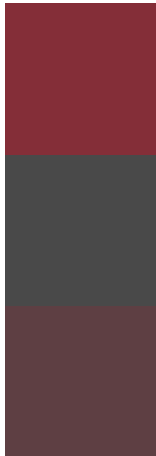
Original Color
842E38

Protanomaly
634141

Deuteranomaly
6B3F35

Tritanomaly
842F34

Monochromacy



Original Color
842E38

Achromatopsia
494949

Achromatomaly
5E3F43

CSS Examples

Text

The CSS property to change the color of the text to Hex 842E38 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 #842E38 looks like.

```
.text, #text, p{  
    color:#842E38  
}
```

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 #842E38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #842E38
}
```

Border

The CSS property to change the border of an element to Hex 842E38 is called "border". The border property can be set on classes, ids or directly on the HTML element.

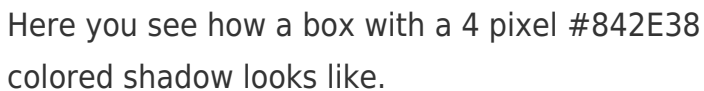
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#842E38 }
```

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

```
.border{ border-color:#842E38 }
```

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



Here you see how a box with a 4 pixel #842E38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #842E38; -webkit-box-shadow:4px 4px  
4px 4px #842E38; box-shadow:4px 4px 4px  
4px #842E38 }
```

Background

The CSS property to change the background color of an element to Hex 842E38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#842E38 }
```

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

```
.background{ background-color:#842E38 }
```

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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