

Converting Colors

Hex(872E4A)

Have a look what the booklet for
Hex(872E4A) contains.

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Color

Hex(872E4A)

Conversions

Conversions Part 1

Format	Color
Hex	872E4A
RGB	135, 46, 74
RGB Percent	53%, 18%, 29%
CMY	0.4706, 0.8196, 0.7098
CMYK	0.00, 0.66, 0.45, 0.47
HSL	341°, 49%, 35%
HSV	341°, 66%, 53%
XYZ	12.2047, 7.5993, 7.3021
YIQ	75.8030, 44.0560, 27.5760

Conversions

Conversions Part 2

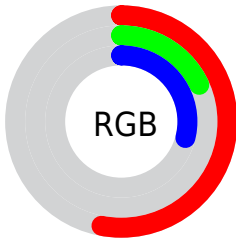
Format	Color
R_{YB}	135, 46, 74
Decimal	8859210
CIE Lab	33.13, 40.47, 3.46
CIE LCh	33, 40.614, 4.883
Yxy	7.5993, 0.4503, 0.2804
Android (android.graphics.Color)	4287049290 (0xFF872E4A)
YUV	75.8030, -0.8889, 51.9158
Hunter-Lab	27.5668, 30.7856, 3.5916

Details

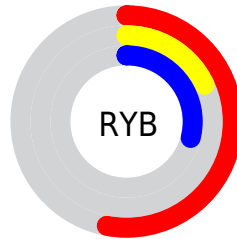
The Hex color **872E4A** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **2E876B**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **C0617A**, and **51001F** is the 20% darker color. If you saturate the color by 10%, you get **872141**, and if you desaturate by 10%, it is **873C53**.

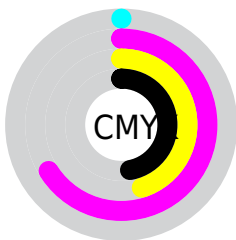
Distribution



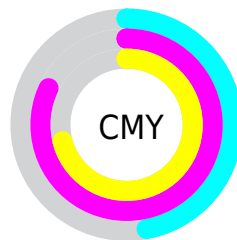
- Red (53%)
- Green (18%)
- Blue (29%)



- Red (53%)
- Yellow (18%)
- Blue (29%)



- Cyan (0%)
- Magenta (66%)
- Yellow (45%)
- Black (47%)



- Cyan (47%)
- Magenta (82%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 872E4A 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 872E4A by changing the saturation by 10% instead.

 872E4A

 872E4A

FFFFFF

 6C1234

 C0617A

 51001F

 DD7B94

 380005

 FA96AF

 170000

 FFB2CA

 000000

 FFC6E6

 FFEAFF

 872E4A

 872E4A

 872141

 873C53

■ 871337

■ 87495D

■ 87062E

■ 875766

■ 87002A

■ 87646F

■ 877278

■ 877F82

■ 878D8B

■ 879A94

■ 87A89D

Harmonies

Analogous

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



79356A



872E4A



84352B

Triad

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



872E4A



385614



005888

Complementary

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



872E4A



2E876B

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.



005C72



872E4A



005B31

Square

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



872E4A



594E03



005D52



00508E

Rectangle

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



872E4A



7A3E19



005D52



005A82

Sweetspot

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



872E4A



B08D98



6B2E87



59444B



D9D9D9



595959

Same Dimension

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



872E4A



B02551



873E2E



423C3E



820029



030001

Inverse Universe

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



872E4A



B02551



2E7787



423C3E



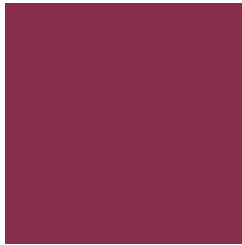
820029



030001

Previews

White Background



This preview shows how the Hex color 872E4A looks on a white background.

Color Contrast Check

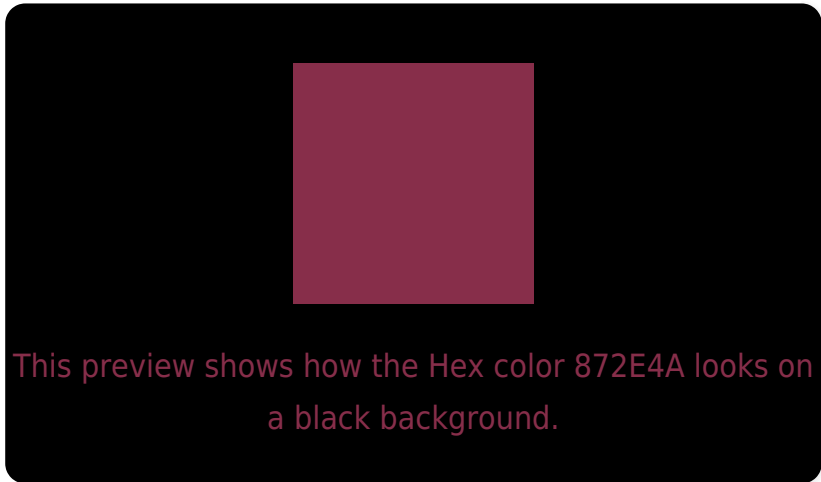
Large Text (above 18pt) WCAG AA ✓ Pass

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

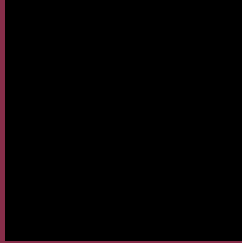
Any Text WCAG AA × Fail

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 872E4A Background



This preview shows how black text looks on a background with the Hex color 872E4A.



This preview shows how white text looks on a background with the Hex color 872E4A.

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
872E4A

Protanopia
4C4E5D

Deuteranopia
5A4C46



Tritanopia
863235

Trichromacy



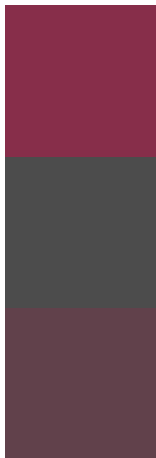
Original Color
872E4A

Protanomaly
614256

Deuteranomaly
6A4147

Tritanomaly
86313D

Monochromacy



Original Color
872E4A

Achromatopsia
4C4C4C

Achromatomaly
61414B

CSS Examples

Text

The CSS property to change the color of the text to Hex 872E4A 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 #872E4A looks like.

```
.text, #text, p{  
    color:#872E4A  
}
```

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 #872E4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #872E4A
}
```

Border

The CSS property to change the border of an element to Hex 872E4A is called "border". The border property can be set on classes, ids or directly on the HTML element.

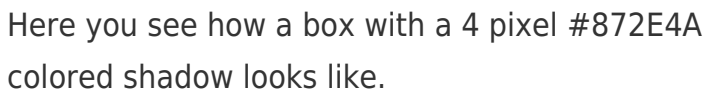
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#872E4A }
```

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

```
.border{ border-color:#872E4A }
```

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



Here you see how a box with a 4 pixel #872E4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #872E4A; -webkit-box-shadow:4px 4px  
4px 4px #872E4A; box-shadow:4px 4px 4px  
4px #872E4A }
```

Background

The CSS property to change the background color of an element to Hex 872E4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#872E4A }
```

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

```
.background{ background-color:#872E4A }
```

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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