

# Converting Colors

Hex(892E4A)

Have a look what the booklet for  
Hex(892E4A) contains.

<b>Hex(892E4A)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(892E4A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	892E4A
RGB	137, 46, 74
RGB Percent	54%, 18%, 29%
CMY	0.4627, 0.8196, 0.7098
CMYK	0.00, 0.66, 0.46, 0.46
HSL	342°, 50%, 36%
HSV	342°, 66%, 54%
XYZ	12.5296, 7.7668, 7.3173
YIQ	76.4010, 45.2480, 28.0000

# Conversions

## Conversions Part 2

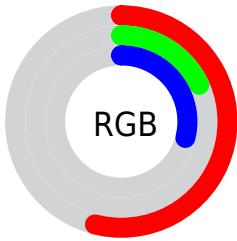
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	137, 46, 74
Decimal	8990282
CIE <sub>Lab</sub>	33.49, 41.14, 4.02
CIE <sub>LCh</sub>	33, 41.336, 5.579
Yxy	7.7668, 0.4537, 0.2813
Android (android.graphics.Color)	4287180362 (0xFF892E4A)
YUV	76.4010, -1.1837, 53.1453
Hunter-Lab	27.8689, 31.4810, 3.9409

# Details

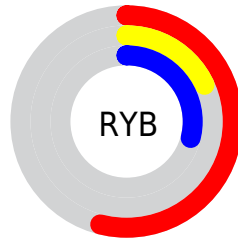
The Hex color **892E4A** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **2E896D**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **C2617A**, and **52001F** is the 20% darker color. If you saturate the color by 10%, you get **892041**, and if you desaturate by 10%, it is **893C53**.

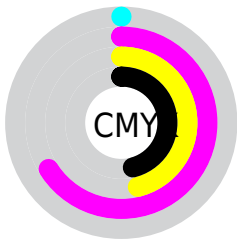
# Distribution



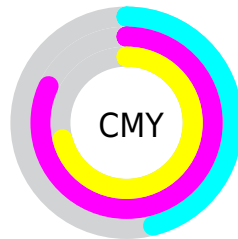
- Red (54%)
- Green (18%)
- Blue (29%)



- Red (54%)
- Yellow (18%)
- Blue (29%)



- Cyan (0%)
- Magenta (66%)
- Yellow (46%)
- Black (46%)



- Cyan (46%)
- Magenta (82%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 892E4A 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 892E4A by changing the saturation by 10% instead.



 892E4A

 892E4A

FFFFFF

 6D1234

 C2617A

 52001F

 DF7C94

 3A0005

 FD97AF

 1A0001

 FFB2CA

 000000

 FFC EE6

 FFE BFF

 892E4A

 892E4A

 892041

 893C53

■ 891337

■ 89495D

■ 89052E

■ 895766

■ 89002A

■ 896570

■ 897379

■ 898083

■ 898E8C

■ 899C96

■ 89A99F

# Harmonies

## Analogous

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



7B356A



892E4A



85352A

# Triad

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



892E4A



375814



00598A

# Complementary

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



892E4A



2E896D

# 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.



005D74



892E4A



005C32

# Square

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



892E4A



594F01



005E54



005190

# Rectangle

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



892E4A



7B3E18



005E54



005B84



# Sweetspot

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



892E4A



B38F9A



6C2E89



59444A



D9D9D9



595959



# Same Dimension

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



892E4A



B32450



893F2E



453E40



850029



050002



# Inverse Universe

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



892E4A



B32450



2E7889



453E40



850029

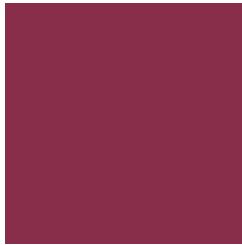


050002



# Previews

## White Background



This preview shows how the Hex color 892E4A looks on a white background.

## Color Contrast Check

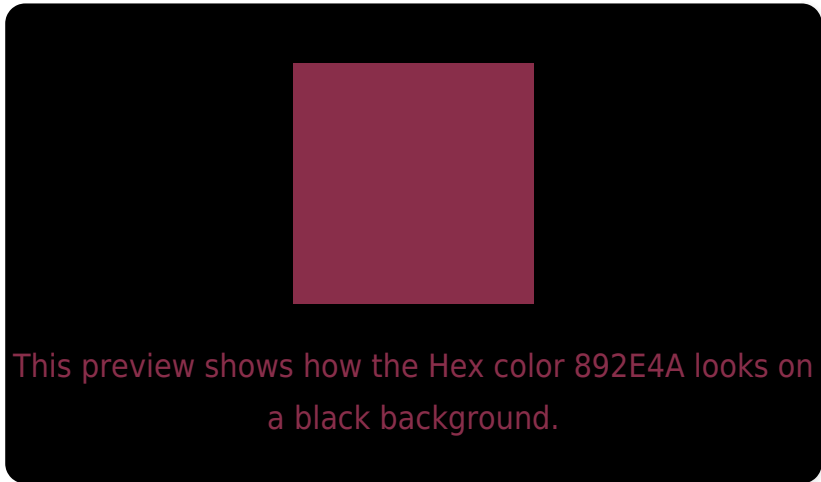
Large Text (above 18pt) WCAG AA ✓ Pass

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

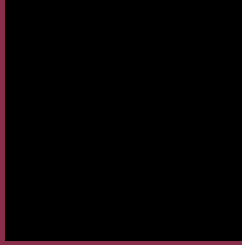
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 892E4A Background



This preview shows how black text looks on a background with the Hex color 892E4A.

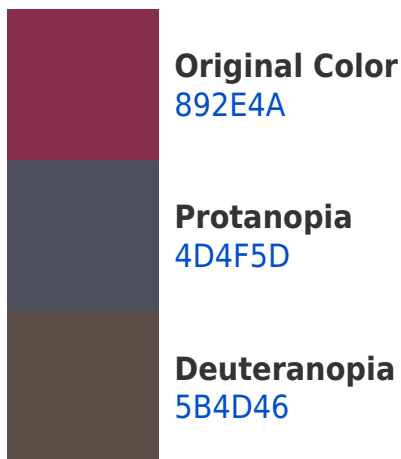


This preview shows how white text looks on a background with the Hex color 892E4A.

# 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





**Tritanopia**  
883235

# Trichromacy



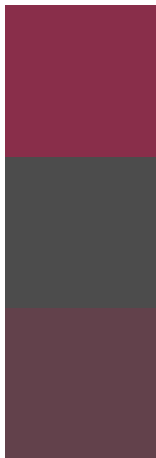
**Original Color**  
892E4A

**Protanomaly**  
634356

**Deuteranomaly**  
6C4247

**Tritanomaly**  
88313D

# Monochromacy



**Original Color**  
892E4A

**Achromatopsia**  
4C4C4C

**Achromatomaly**  
62414B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 892E4A 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 #892E4A looks like.

```
.text, #text, p{  
    color:#892E4A  
}
```

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 #892E4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #892E4A
}
```

## Border

The CSS property to change the border of an element to Hex 892E4A is called "border". The border property can be set on classes, ids or directly on the HTML element.

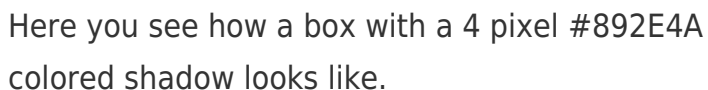
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#892E4A }
```

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

```
.border{ border-color:#892E4A }
```

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



Here you see how a box with a 4 pixel #892E4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #892E4A; -webkit-box-shadow:4px 4px  
4px 4px #892E4A; box-shadow:4px 4px 4px  
4px #892E4A }
```

# Background

The CSS property to change the background color of an element to Hex 892E4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#892E4A }
```

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

```
.background{ background-color:#892E4A }
```

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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