

# Converting Colors

Hex(892E55)

Have a look what the booklet for  
Hex(892E55) contains.

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# Color

**Hex(892E55)**

# Conversions

## Conversions Part 1

Format	Color
Hex	892E55
RGB	137, 46, 85
RGB Percent	54%, 18%, 33%
CMY	0.4627, 0.8196, 0.6667
CMYK	0.00, 0.66, 0.38, 0.46
HSL	334°, 50%, 36%
HSV	334°, 66%, 54%
XYZ	12.9332, 7.9282, 9.4430
YIQ	77.6550, 41.7170, 31.4210

# Conversions

## Conversions Part 2

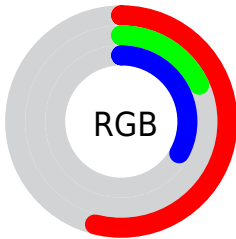
<b>Format</b>	<b>Color</b>
<b>RYB</b>	137, 46, 85
Decimal	8990293
CIELab	33.83, 42.38, -2.61
CIElCh	34, 42.456, 356.477
Yxy	7.9282, 0.4268, 0.2616
Android (android.graphics.Color)	4287180373 (0xFF892E55)
YUV	77.6550, 3.6211, 52.0456
Hunter-Lab	28.1571, 32.7142, -0.1739

# Details

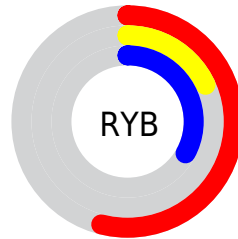
The Hex color **892E55** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **2E8962**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **C16287**, and **530028** is the 20% darker color. If you saturate the color by 10%, you get **89204D**, and if you desaturate by 10%, it is **893C5D**.

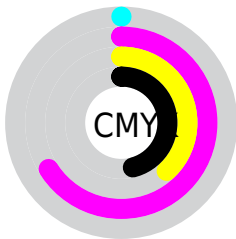
# Distribution



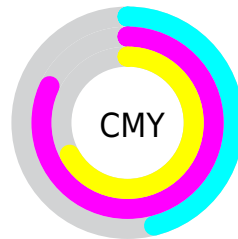
- Red (54%)
- Green (18%)
- Blue (33%)



- Red (54%)
- Yellow (18%)
- Blue (33%)



- Cyan (0%)
- Magenta (66%)
- Yellow (38%)
- Black (46%)



- Cyan (46%)
- Magenta (82%)
- Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 892E55 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 892E55 by changing the saturation by 10% instead.



 892E55

 892E55

FFFFFF

 6E113E

 C16287

 530028

 DF7CA1

 3A0014

 FC97BC

 1D0001

 FFB2D7

 000000

 FFCFF4

 FFE8FF

 892E55

 892E55

 89204D

 893C5D

891345

894965

89053E

89576C

89003B

896574

89737C

898084

898E8C

899C94

89A99B

# Harmonies

## Analogous

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



743975



892E55



8A3234

# Triad

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



892E55



435609



005C87

# Complementary

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



892E55



2E8962

# 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.



005F6D



892E55



0D5C28

# Square

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



892E55



634D00



005F4A



005593

# Rectangle

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



892E55



823A20



005F4A



005D80



# Sweetspot

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



892E55



B38F9E



622E89



59444D



D9D9D9



595959



# Same Dimension

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



892E55



B32461



89342E



453E41



850039



050002



# Inverse Universe

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



892E55



B32461



2E8389



453E41



850039

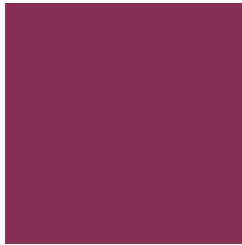


050002



# Previews

## White Background



This preview shows how the Hex color 892E55 looks on a white background.

## Color Contrast Check

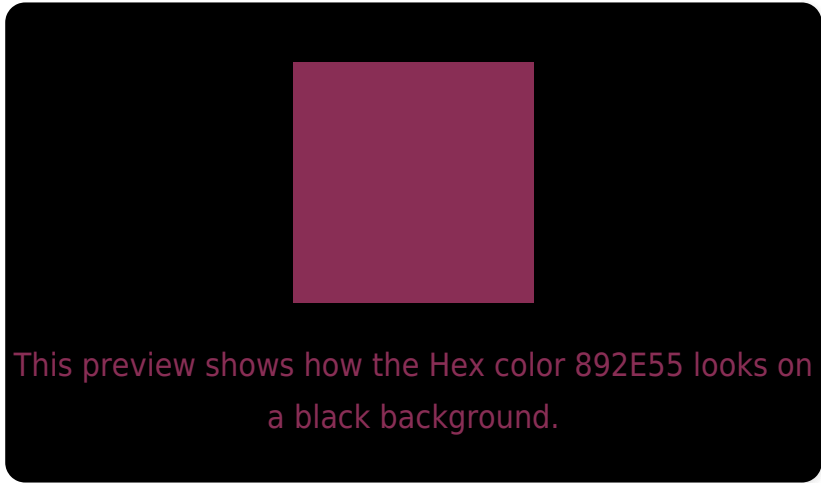
Large Text (above 18pt) WCAG AA ✓ Pass

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 892E55 Background



This preview shows how black text looks on a background with the Hex color 892E55.

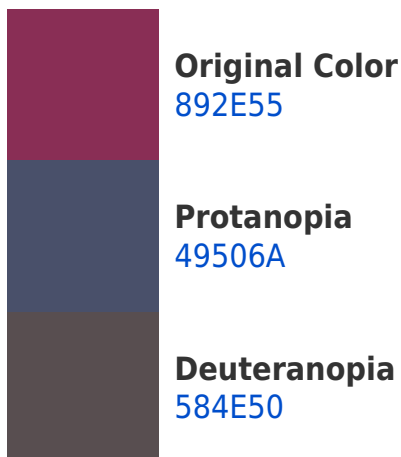


This preview shows how white text looks on a background with the Hex color 892E55.

# 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





# Trichromacy



**Original Color**  
892E55

**Protanomaly**  
604462

**Deuteranomaly**  
6A4252

**Tritanomaly**  
883243

# Monochromacy



**Original Color**  
892E55

**Achromatopsia**  
4E4E4E

**Achromatomaly**  
634251

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 892E55 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 #892E55 looks like.

```
.text, #text, p{  
    color:#892E55  
}
```

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 #892E55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #892E55
}
```

## Border

The CSS property to change the border of an element to Hex 892E55 is called "border". The border property can be set on classes, ids or directly on the HTML element.

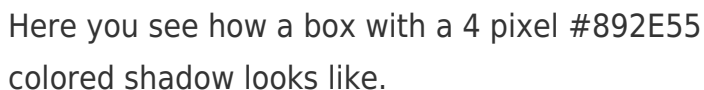
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#892E55 }
```

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

```
.border{ border-color:#892E55 }
```

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



Here you see how a box with a 4 pixel #892E55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #892E55; -webkit-box-shadow:4px 4px  
4px 4px #892E55; box-shadow:4px 4px 4px  
4px #892E55 }
```

# Background

The CSS property to change the background color of an element to Hex 892E55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#892E55 }
```

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

```
.background{ background-color:#892E55 }
```

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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