

# Converting Colors

Hex(8E2E42)

Have a look what the booklet for  
Hex(8E2E42) contains.

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# Color

**Hex(8E2E42)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8E2E42
RGB	142, 46, 66
RGB Percent	56%, 18%, 26%
CMY	0.4431, 0.8196, 0.7412
CMYK	0.00, 0.68, 0.54, 0.44
HSL	348°, 51%, 37%
HSV	348°, 68%, 56%
XYZ	13.1157, 8.0981, 6.0261
YIQ	76.9840, 50.7960, 26.5720

# Conversions

## Conversions Part 2

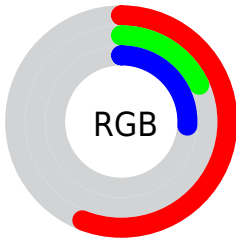
<b>Format</b>	<b>Color</b>
<b>RYB</b>	142, 46, 66
Decimal	9317954
CIELab	34.19, 42.06, 10.31
CIElCh	34, 43.302, 13.775
Yxy	8.0981, 0.4815, 0.2973
Android (android.graphics.Color)	4287508034 (0xFF8E2E42)
YUV	76.9840, -5.4151, 57.0190
Hunter-Lab	28.4572, 32.4691, 7.3648

# Details

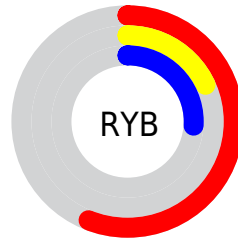
The Hex color **8E2E42** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **2E8E7A**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **C86272**, and **560018** is the 20% darker color. If you saturate the color by 10%, you get **8E2037**, and if you desaturate by 10%, it is **8E3C4D**.

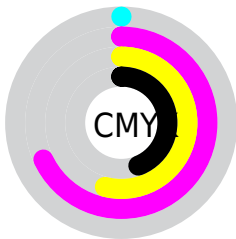
# Distribution



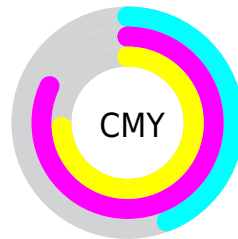
- Red (56%)
- Green (18%)
- Blue (26%)



- Red (56%)
- Yellow (18%)
- Blue (26%)



- Cyan (0%)
- Magenta (68%)
- Yellow (54%)
- Black (44%)



- Cyan (44%)
- Magenta (82%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8E2E42 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 8E2E42 by changing the saturation by 10% instead.



8E2E42

8E2E42

FFFFFF

72112C

C86272

560018

E57C8B

3C0000

FF97A5

1F0001

FFB3C0

000000

FFCFDC

FFECF9

8E2E42

8E2E42

8E2037

8E3C4D

■ 8E122C

■ 8E4A58

■ 8E0320

■ 8E5964

■ 8E001E

■ 8E676F

■ 8E757A

■ 8E8385

■ 8E9191

■ 8EA09C

■ 8EAEA7

# Harmonies

## Analogous

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



853164



8E2E42



863922

# Triad

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



8E2E42



2A5B1A



005992

# Complementary

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



8E2E42



2E8E7A

# 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.



005F7F



8E2E42



005F3C

# Square

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



8E2E42



525400



006060



244F94

# Rectangle

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



8E2E42



79430F



006060



005C8E



# Sweetspot

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



8E2E42



B8939B



792E8E



5C464A



DBDBDB



5C5C5C



# Same Dimension

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



8E2E42



B82342



8E492E



474042



87001C



080002



# Inverse Universe

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



8E2E42



B82342



2E738E



474042



87001C

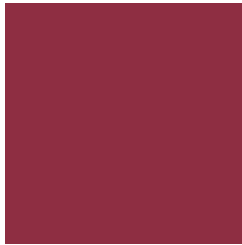


080002



# Previews

## White Background



This preview shows how the Hex color 8E2E42 looks on a white background.

## Color Contrast Check

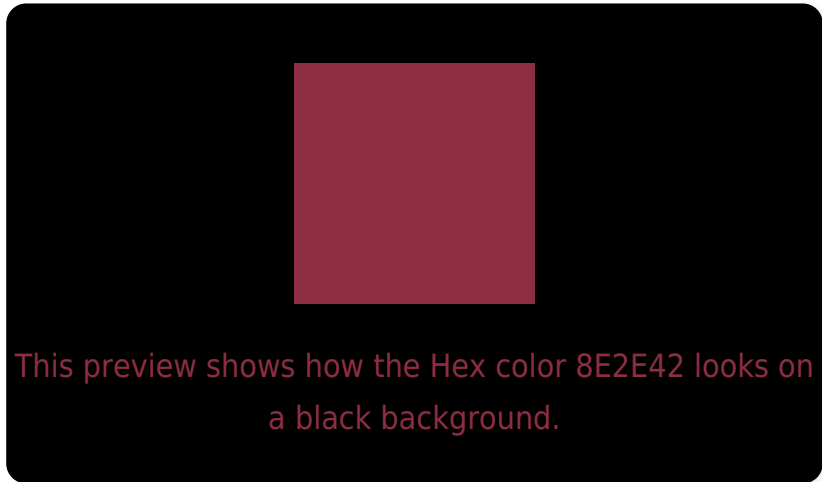
Large Text (above 18pt) WCAG AA ✓ Pass

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 8E2E42 Background



This preview shows how black text looks on a background with the Hex color 8E2E42.



This preview shows how white text looks on a background with the Hex color 8E2E42.

# 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**  
8E2E42

**Protanopia**  
525154

**Deuteranopia**  
604E3D



**Tritanopia**  
8D3134

# Trichromacy



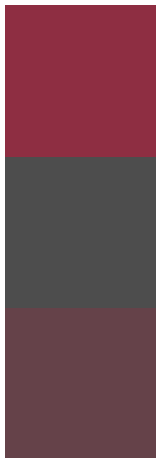
**Original Color**  
8E2E42

**Protanomaly**  
68444D

**Deuteranomaly**  
71423F

**Tritanomaly**  
8D3039

# Monochromacy



**Original Color**  
8E2E42

**Achromatopsia**  
4D4D4D

**Achromatomaly**  
654249

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8E2E42 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 #8E2E42 looks like.

```
.text, #text, p{  
    color:#8E2E42  
}
```

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 #8E2E42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E2E42
}
```

## Border

The CSS property to change the border of an element to Hex 8E2E42 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".

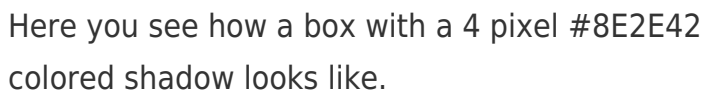
```
.border, #border, table{ border:4px solid
#8E2E42 }
```

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

```
.border{ border-color:#8E2E42 }
```

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

Here you see how a box with a 4 pixel #8E2E42 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a thin dark red border on the top and left sides, and a thicker dark red shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E2E42; -webkit-box-shadow:4px 4px  
4px 4px #8E2E42; box-shadow:4px 4px 4px  
4px #8E2E42 }
```

# Background

The CSS property to change the background color of an element to Hex 8E2E42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E2E42 }
```

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

```
.background{ background-color:#8E2E42 }
```

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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