

# Converting Colors

Hex(8E2B36)

Have a look what the booklet for  
Hex(8E2B36) contains.

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# Color

**Hex(8E2B36)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8E2B36
RGB	142, 43, 54
RGB Percent	56%, 17%, 21%
CMY	0.4431, 0.8314, 0.7882
CMYK	0.00, 0.70, 0.62, 0.44
HSL	353°, 54%, 36%
HSV	353°, 70%, 56%
XYZ	12.6851, 7.7449, 4.3164
YIQ	73.8550, 55.4730, 24.4090

# Conversions

## Conversions Part 2

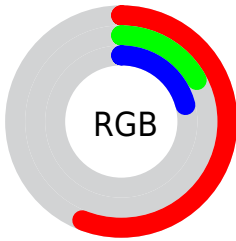
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	142, 43, 54
Decimal	9317174
CIE Lab	33.45, 42.39, 17.06
CIE LCh	33, 45.692, 21.919
Yxy	7.7449, 0.5126, 0.3130
Android (android.graphics.Color)	4287507254 (0xFF8E2B36)
YUV	73.8550, -9.7885, 59.7632
Hunter-Lab	27.8296, 32.6605, 10.2849

# Details

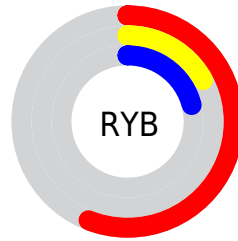
The Hex color **8E2B36** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **2B8E83**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **C85F65**, and **56000B** is the 20% darker color. If you saturate the color by 10%, you get **8E1D29**, and if you desaturate by 10%, it is **8E3943**.

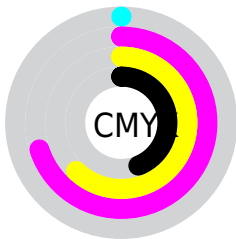
# Distribution



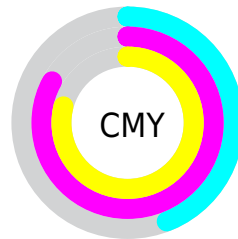
- Red (56%)
- Green (17%)
- Blue (21%)



- Red (56%)
- Yellow (17%)
- Blue (21%)



- Cyan (0%)
- Magenta (70%)
- Yellow (62%)
- Black (44%)



- Cyan (44%)
- Magenta (83%)
- Yellow (79%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8E2B36 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 8E2B36 by changing the saturation by 10% instead.



 8E2B36

 8E2B36

FFFFFF

 720D21

 C85F65

 56000B

 E6797D

 3B0000

 FF9497

 1B0001

 FFB0B2

 000000

 FFCCCD

 FFE9EA

 8E2B36

 8E2B36

 8E1D29

 8E3943

■ 8E0F1D

■ 8E474F

■ 8E0010

■ 8E565C

■ 8E6468

■ 8E7275

■ 8E8082

■ 8E8E8E

■ 8E9D9B

■ 8EABA8

# Harmonies

## Analogous

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



8A295A



8E2B36



813A15

# Triad

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



8E2B36



105B1E



005697

# Complementary

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



8E2B36



2B8E83

# 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.



005D87



8E2B36



005F43

# Square

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



8E2B36



465500



005F69



394992

# Rectangle

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



8E2B36



714500



005F69



005994



# Sweetspot

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



8E2B36



B89195



822B8E



5C4547



DBDBDB



5C5C5C



# Same Dimension

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



8E2B36



B81D2F



8E512B



474041



87000F



080001



# Inverse Universe

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



8E2B36



B81D2F



2B688E



474041



87000F



080001



# Previews

## White Background



This preview shows how the Hex color 8E2B36 looks on a white background.

## Color Contrast Check

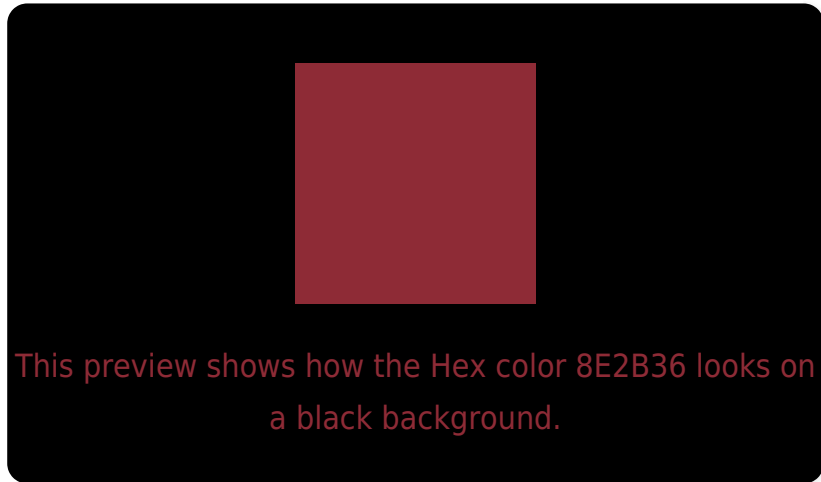
Large Text (above 18pt) WCAG AA ✓ Pass

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

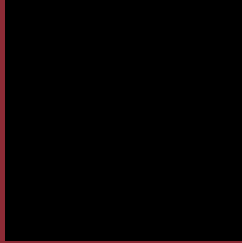
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 8E2B36 Background



This preview shows how black text looks on a background with the Hex color 8E2B36.

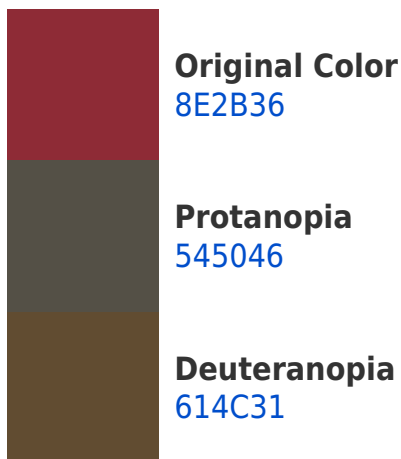


This preview shows how white text looks on a background with the Hex color 8E2B36.

# 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**  
8E2C2F

# Trichromacy



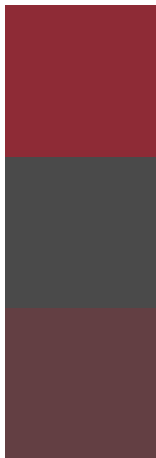
**Original Color**  
8E2B36

**Protanomaly**  
694340

**Deuteranomaly**  
714033

**Tritanomaly**  
8E2C32

# Monochromacy



**Original Color**  
8E2B36

**Achromatopsia**  
4A4A4A

**Achromatomaly**  
633F43

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8E2B36 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 #8E2B36 looks like.

```
.text, #text, p{  
    color:#8E2B36  
}
```

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 #8E2B36 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E2B36
}
```

## Border

The CSS property to change the border of an element to Hex 8E2B36 is called "border". The border property can be set on classes, ids or directly on the HTML element.

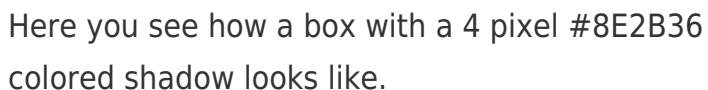
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8E2B36 }
```

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

```
.border{ border-color:#8E2B36 }
```

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



Here you see how a box with a 4 pixel #8E2B36 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E2B36; -webkit-box-shadow:4px 4px  
4px 4px #8E2B36; box-shadow:4px 4px 4px  
4px #8E2B36 }
```

# Background

The CSS property to change the background color of an element to Hex 8E2B36 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E2B36 }
```

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

```
.background{ background-color:#8E2B36 }
```

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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