

# Converting Colors

Hex(8E3150)

Have a look what the booklet for  
Hex(8E3150) contains.

<b>Hex(8E3150)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(8E3150)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8E3150
RGB	142, 49, 80
RGB Percent	56%, 19%, 31%
CMY	0.4431, 0.8078, 0.6863
CMYK	0.00, 0.65, 0.44, 0.44
HSL	340°, 49%, 37%
HSV	340°, 65%, 56%
XYZ	13.7016, 8.5266, 8.5131
YIQ	80.3410, 45.4770, 29.3570

# Conversions

## Conversions Part 2

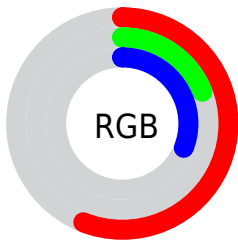
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	142, 49, 80
Decimal	9318736
CIE <sub>Lab</sub>	35.06, 42.10, 2.51
CIE <sub>LCh</sub>	35, 42.173, 3.409
Yxy	8.5266, 0.4457, 0.2774
Android (android.graphics.Color)	4287508816 (0xFF8E3150)
YUV	80.3410, -0.1681, 54.0749
Hunter-Lab	29.2003, 32.6566, 3.1548

# Details

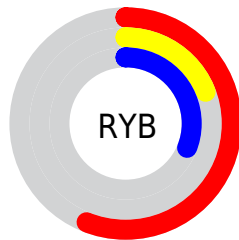
The Hex color **8E3150** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **318E6F**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **C76581**, and **570024** is the 20% darker color. If you saturate the color by 10%, you get **8E2347**, and if you desaturate by 10%, it is **8E3F59**.

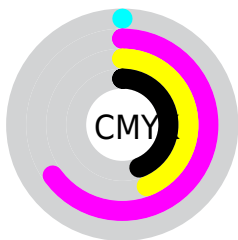
# Distribution



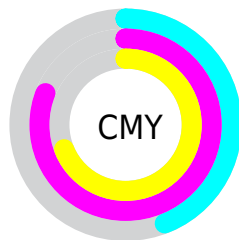
- Red (56%)
- Green (19%)
- Blue (31%)



- Red (56%)
- Yellow (19%)
- Blue (31%)



- Cyan (0%)
- Magenta (65%)
- Yellow (44%)
- Black (44%)



- Cyan (44%)
- Magenta (81%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8E3150 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 8E3150 by changing the saturation by 10% instead.



 8E3150

 8E3150

FFFFFF

 721539

 C76581

 570024

 E47F9B

 3D000E

 FF9AB6

 230001

 FFB6D1

 000000

 FFD2EE

 FFEFFF

 8E3150

 8E3150

 8E2347

 8E3F59

 8E153D

 8E4D63

 8E0634

 8E5C6C

 8E002F

 8E6A76

 8E787F

 8E8689

 8E9492

 8EA39C

 8EB1A5

# Harmonies

## Analogous

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



7E3971



8E3150



8C382F

# Triad

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



8E3150



3D5B14



005E8E

# Complementary

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



8E3150



318E6F

# 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.



006277



8E3150



006033

# Square

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



8E3150



605203



006255



005596

# Rectangle

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



8E3150



82411C



006255



005F88



# Sweetspot

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



8E3150



B8939F



6F318E



5C464D



DBDBDB



5C5C5C



# Same Dimension

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



8E3150



B82757



8E4131



474043



87002D



080003



# Inverse Universe

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



8E3150



B82757



317E8E



474043



87002D

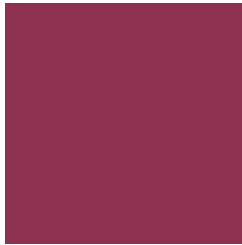


080003



# Previews

## White Background



This preview shows how the Hex color 8E3150 looks on a white background.

## Color Contrast Check

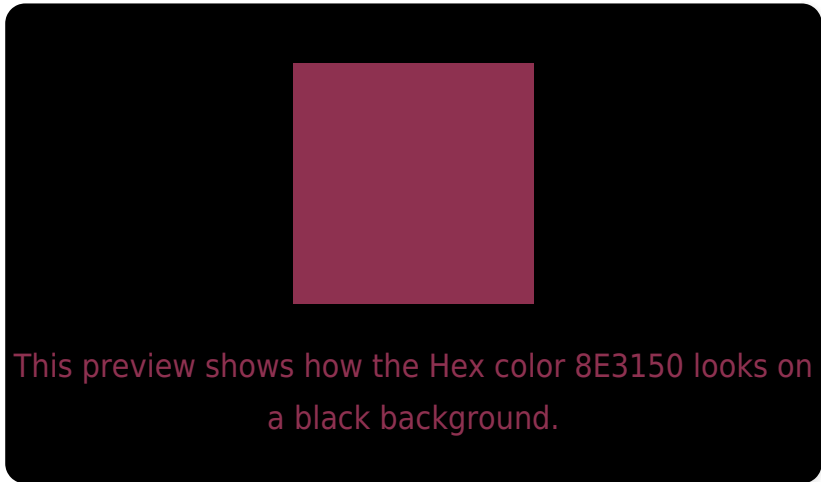
Large Text (above 18pt) WCAG AA ✓ Pass

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 8E3150 Background



This preview shows how black text looks on a background with the Hex color 8E3150.



This preview shows how white text looks on a background with the Hex color 8E3150.

# 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**  
8E3150

**Protanopia**  
505364

**Deuteranopia**  
5E504B



**Tritanopia**  
8C3639

# Trichromacy



**Original Color**  
8E3150

**Protanomaly**  
67475D

**Deuteranomaly**  
6F454D

**Tritanomaly**  
8D3441

# Monochromacy



**Original Color**  
8E3150

**Achromatopsia**  
505050

**Achromatomaly**  
674550

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8E3150 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 #8E3150 looks like.

```
.text, #text, p{  
    color:#8E3150  
}
```

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 #8E3150 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E3150
}
```

## Border

The CSS property to change the border of an element to Hex 8E3150 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
#8E3150 }
```

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

```
.border{ border-color:#8E3150 }
```

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

Here you see how a box with a 4 pixel #8E3150 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E3150; -webkit-box-shadow:4px 4px  
4px 4px #8E3150; box-shadow:4px 4px 4px  
4px #8E3150 }
```

# Background

The CSS property to change the background color of an element to Hex 8E3150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E3150 }
```

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

```
.background{ background-color:#8E3150 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor