

# Converting Colors

Hex(8E0837)

Have a look what the booklet for  
Hex(8E0837) contains.

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# Color

**Hex(8E0837)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8E0837
RGB	142, 8, 55
RGB Percent	56%, 3%, 22%
CMY	0.4431, 0.9686, 0.7843
CMYK	0.00, 0.94, 0.61, 0.44
HSL	339°, 89%, 29%
HSV	339°, 94%, 56%
XYZ	11.9318, 6.2003, 4.1823
YIQ	53.4240, 64.7770, 43.0250

# Conversions

## Conversions Part 2

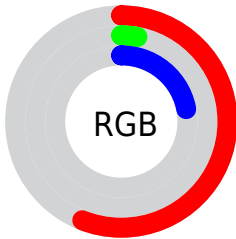
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	142, 8, 55
Decimal	9308215
CIE <sub>Lab</sub>	29.91, 52.46, 11.68
CIE <sub>LCh</sub>	30, 53.743, 12.550
Yxy	6.2003, 0.5347, 0.2779
Android (android.graphics.Color)	4287498295 (0xFF8E0837)
YUV	53.4240, 0.7770, 77.6812
Hunter-Lab	24.9004, 41.9579, 7.4718

# Details

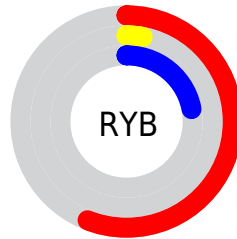
The Hex color **8E0837** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **088E5F**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **C94A65**, and **55000C** is the 20% darker color. If you saturate the color by 10%, you get **8E0032**, and if you desaturate by 10%, it is **8E1640**.

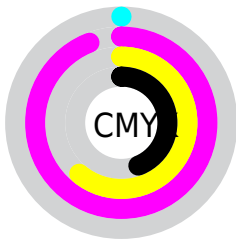
# Distribution



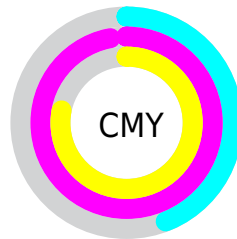
- Red (56%)
- Green (3%)
- Blue (22%)



- Red (56%)
- Yellow (3%)
- Blue (22%)



- Cyan (0%)
- Magenta (94%)
- Yellow (61%)
- Black (44%)



- Cyan (44%)
- Magenta (97%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8E0837 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 8E0837 by changing the saturation by 10% instead.



 8E0837

 8E0837

FFFFFF

 710022

 C94A65

 55000C

 E7667E

 3B0002

 FF8198

 140000

 FF9DB3

 000000

 FFB9CE

 FFD6EA

 FFF3FF

 8E0837

 8E0837

■ 8E0032

■ 8E1640

■ 8E2449

■ 8E3353

■ 8E415C

■ 8E4F65

■ 8E5D6E

■ 8E6B78

■ 8E7A81

■ 8E888A

# Harmonies

## Analogous

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



831461



8E0837



84240E

# Triad

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



8E0837



0E5300



005297

# Complementary

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



8E0837



088E5F

# 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.



00577F



8E0837



00572C

# Square

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



8E0837



474A00



005858



004699

# Rectangle

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



8E0837



743500



005858



005491



# Sweetspot

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



8E0837



B88496



5D088E



5C3D48



DBDBDB



5C5C5C



# Same Dimension

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



8E0837



B80040



8E1A08



474043



87002F



080003



# Inverse Universe

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



8E0837



B80040



087C8E



474043



87002F

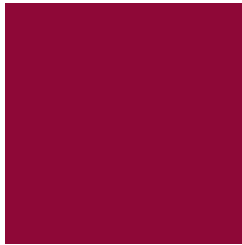


080003



# Previews

## White Background



This preview shows how the Hex color 8E0837 looks on a white background.

## Color Contrast Check

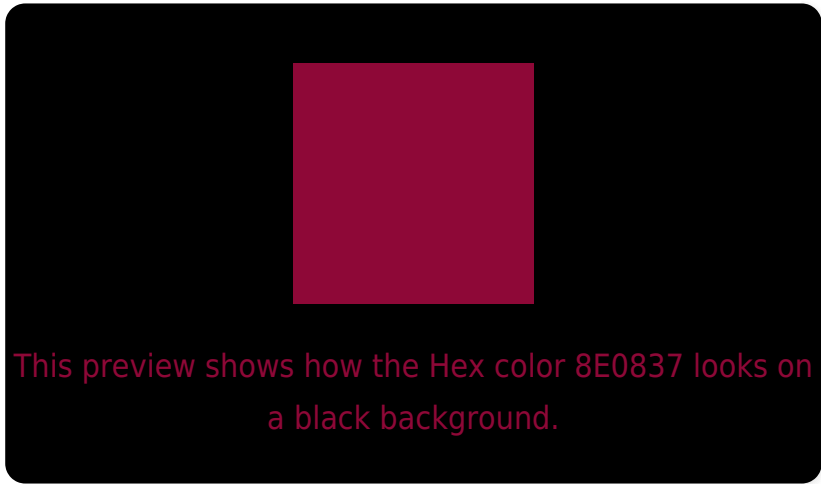
Large Text (above 18pt) WCAG AA ✓ Pass

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 8E0837 Background



This preview shows how black text looks on a background with the Hex color 8E0837.

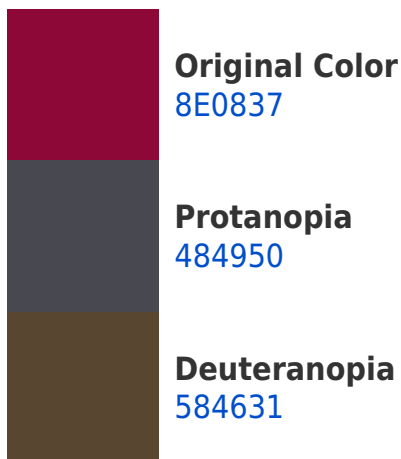



This preview shows how white text looks on a background with the Hex color 8E0837.

# 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**  
8D1716

# Trichromacy



**Original Color**  
8E0837

**Protanomaly**  
613147

**Deuteranomaly**  
6C2F33

**Tritanomaly**  
8D1222

# Monochromacy



**Original Color**  
8E0837

**Achromatopsia**  
353535

**Achromatomaly**  
552536

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8E0837 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 #8E0837 looks like.

```
.text, #text, p{  
    color:#8E0837  
}
```

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 #8E0837 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E0837
}
```

## Border

The CSS property to change the border of an element to Hex 8E0837 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
#8E0837 }
```

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

```
.border{ border-color:#8E0837 }
```

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

Here you see how a box with a 4 pixel #8E0837 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E0837; -webkit-box-shadow:4px 4px  
4px 4px #8E0837; box-shadow:4px 4px 4px  
4px #8E0837 }
```

# Background

The CSS property to change the background color of an element to Hex 8E0837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E0837 }
```

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

```
.background{ background-color:#8E0837 }
```

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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