

# Converting Colors

Hex(8E0138)

Have a look what the booklet for  
Hex(8E0138) contains.

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# Color

**Hex(8E0138)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8E0138
RGB	142, 1, 56
RGB Percent	56%, 0%, 22%
CMY	0.4431, 0.9961, 0.7804
CMYK	0.00, 0.99, 0.61, 0.44
HSL	337°, 99%, 28%
HSV	337°, 99%, 56%
XYZ	11.8800, 6.0580, 4.2845
YIQ	49.4290, 66.3810, 46.9970

# Conversions

## Conversions Part 2

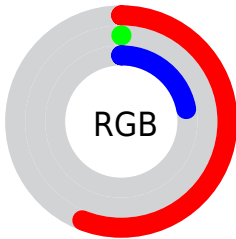
<b>Format</b>	<b>Color</b>
<b>RYB</b>	142, 1, 56
Decimal	9306424
CIELab	29.56, 53.62, 10.52
CIElCh	30, 54.644, 11.102
Yxy	6.0580, 0.5346, 0.2726
Android (android.graphics.Color)	4287496504 (0xFF8E0138)
YUV	49.4290, 3.2395, 81.1848
Hunter-Lab	24.6130, 43.0839, 6.9081

# Details

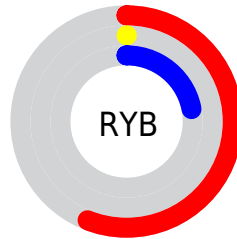
The Hex color **8E0138** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **018E57**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **C94866**, and **55000D** is the 20% darker color. If you saturate the color by 10%, you get **8E0037**, and if you desaturate by 10%, it is **8E0F41**.

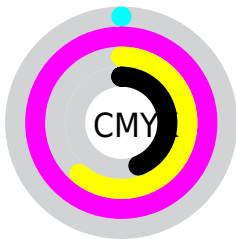
# Distribution



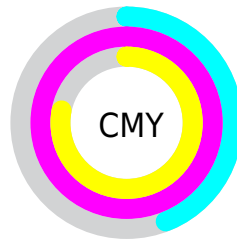
- Red (56%)
- Green (0%)
- Blue (22%)



- Red (56%)
- Yellow (0%)
- Blue (22%)



- Cyan (0%)
- Magenta (99%)
- Yellow (61%)
- Black (44%)



- Cyan (44%)
- Magenta (100%)
- Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8E0138 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 8E0138 by changing the saturation by 10% instead.



 8E0138

 8E0138

FFFFFF

 710023

 C94866

 55000D

 E8637F

 3B0002

 FF7F99

 140000

 FF9BB4

 000000

 FFB7CF

 FFD4EC

 FFF1FF

 8E0138

 8E0138

■ 8E0037

■ 8E0F41

■ 8E1D49

■ 8E2C52

■ 8E3A5B

■ 8E4863

■ 8E566C

■ 8E6475

■ 8E737D

■ 8E8186

# Harmonies

## Analogous

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



821262



8E0138



84210E

# Triad

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



8E0138



105200



005297

# Complementary

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



8E0138



018E57

# 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.



00577D



8E0138



005628

# Square

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



8E0138



484900



005755



00469A

# Rectangle

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



8E0138



753200



005755



005490



# Sweetspot

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



8E0138



B88196



56018E



5C3B48



DBDBDB



5C5C5C



# Same Dimension

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



8E0138



B80048



8E0F01



474043



870035



080003



# Inverse Universe

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



8E0138



B80048



01808E



474043



870035

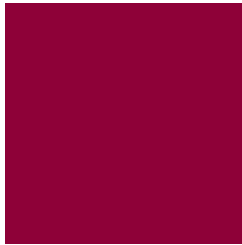


080003



# Previews

## White Background



This preview shows how the Hex color 8E0138 looks on a white background.

## Color Contrast Check

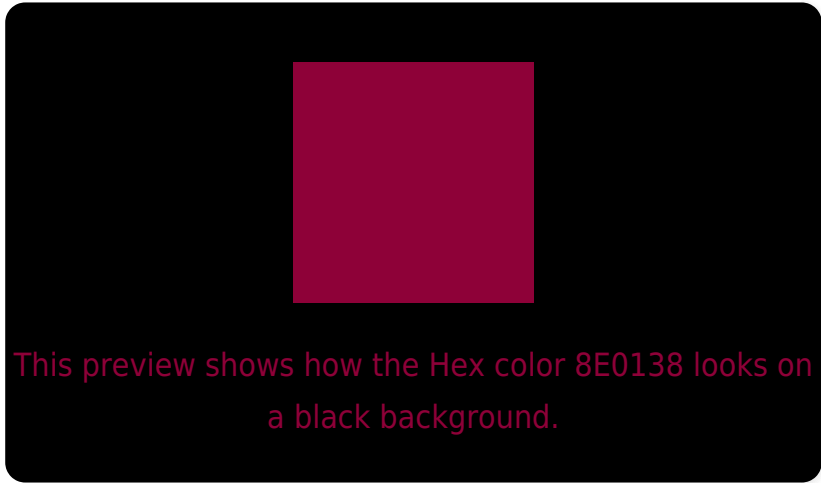
Large Text (above 18pt) WCAG AA ✓ Pass

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 8E0138 Background



This preview shows how black text looks on a background with the Hex color 8E0138.



This preview shows how white text looks on a background with the Hex color 8E0138.

# 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**  
8E0138

**Protanopia**  
484852

**Deuteranopia**  
574632



**Tritanopia**  
8D1615

# Trichromacy



**Original Color**  
8E0138

**Protanomaly**  
612E49

**Deuteranomaly**  
6B2D34

**Tritanomaly**  
8D0E22

# Monochromacy



**Original Color**  
8E0138

**Achromatopsia**  
313131

**Achromatomaly**  
532034

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8E0138 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 #8E0138 looks like.

```
.text, #text, p{  
    color:#8E0138  
}
```

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 #8E0138 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E0138
}
```

## Border

The CSS property to change the border of an element to Hex 8E0138 is called "border". The border property can be set on classes, ids or directly on the HTML element.

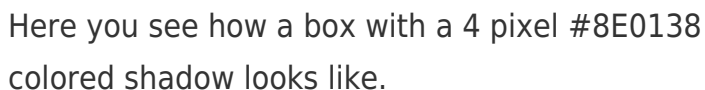
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8E0138 }
```

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

```
.border{ border-color:#8E0138 }
```

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



Here you see how a box with a 4 pixel #8E0138 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E0138; -webkit-box-shadow:4px 4px  
4px 4px #8E0138; box-shadow:4px 4px 4px  
4px #8E0138 }
```

# Background

The CSS property to change the background color of an element to Hex 8E0138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E0138 }
```

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

```
.background{ background-color:#8E0138 }
```

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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