

# Converting Colors

Hex(8F163E)

Have a look what the booklet for  
Hex(8F163E) contains.

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# Color

**Hex(8F163E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8F163E
RGB	143, 22, 62
RGB Percent	56%, 9%, 24%
CMY	0.4392, 0.9137, 0.7569
CMYK	0.00, 0.85, 0.57, 0.44
HSL	340°, 73%, 32%
HSV	340°, 85%, 56%
XYZ	12.4841, 6.7613, 5.2045
YIQ	62.7390, 59.2760, 38.0920

# Conversions

## Conversions Part 2

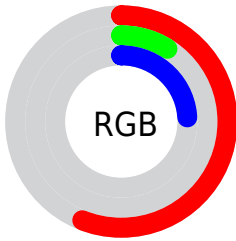
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	143, 22, 62
Decimal	9377342
CIE Lab	31.26, 50.47, 8.89
CIE LCh	31, 51.245, 9.995
Yxy	6.7613, 0.5106, 0.2765
Android (android.graphics.Color)	4287567422 (0xFF8F163E)
YUV	62.7390, -0.3643, 70.3889
Hunter-Lab	26.0024, 40.1960, 6.3345

# Details

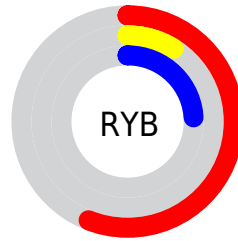
The Hex color **8F163E** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **168F67**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **CA516D**, and **560014** is the 20% darker color. If you saturate the color by 10%, you get **8F0834**, and if you desaturate by 10%, it is **8F2448**.

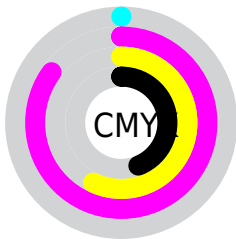
# Distribution



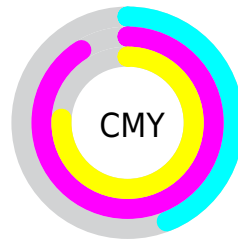
- Red (56%)
- Green (9%)
- Blue (24%)



- Red (56%)
- Yellow (9%)
- Blue (24%)



- Cyan (0%)
- Magenta (85%)
- Yellow (57%)
- Black (44%)



- Cyan (44%)
- Magenta (91%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8F163E 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 8F163E by changing the saturation by 10% instead.



 8F163E

 8F163E

FFFFFF

 720028

 CA516D

 560014

 E86C86

 3C0002

 FF87A1

 1A0001

 FFA3BB

 000000

 FFBFD7

 FFD CF4

 FFF9FF

 8F163E

 8F163E

■ 8F0834

■ 8F2448

■ 8F002F

■ 8F3351

■ 8F415B

■ 8F4F64

■ 8F5E6E

■ 8F6C77

■ 8F7A81

■ 8F888B

■ 8F9794

# Harmonies

## Analogous

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



822066



8F163E



872917

# Triad

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



8F163E



1F5500



005595

# Complementary

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



8F163E



168F67

# 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.



005A7D



8F163E



00592C

# Square

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



8F163E



4E4C00



005B56



004A99

# Rectangle

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



8F163E



793700



005B56



00588F



# Sweetspot

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



8F163E



BA8C9B



67168F



5E424B



DEDEDE



5E5E5E



# Same Dimension

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



8F163E



BA003E



8F2A16



474043



87002D



080003



# Inverse Universe

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



8F163E



BA003E



167B8F



474043



87002D

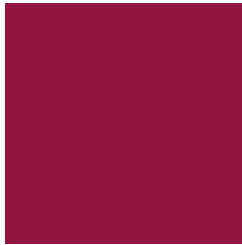


080003



# Previews

## White Background



This preview shows how the Hex color 8F163E looks on a white background.

## Color Contrast Check

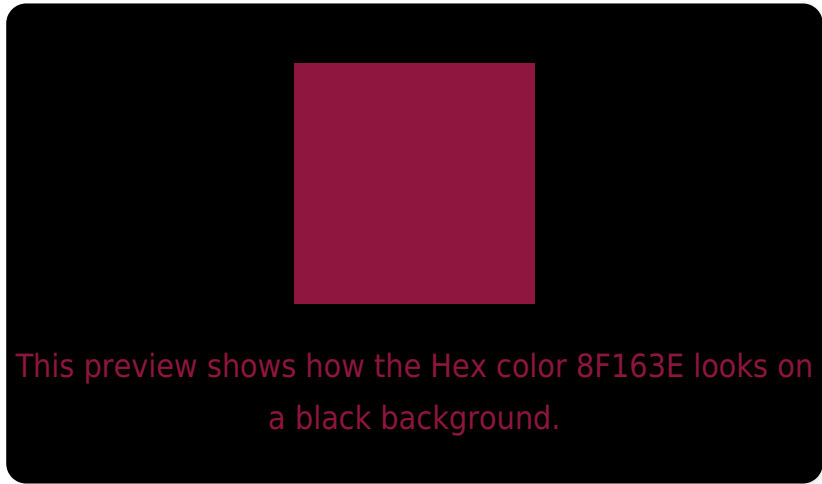
Large Text (above 18pt) WCAG AA ✓ Pass

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 8F163E Background



This preview shows how black text looks on a background with the Hex color 8F163E.

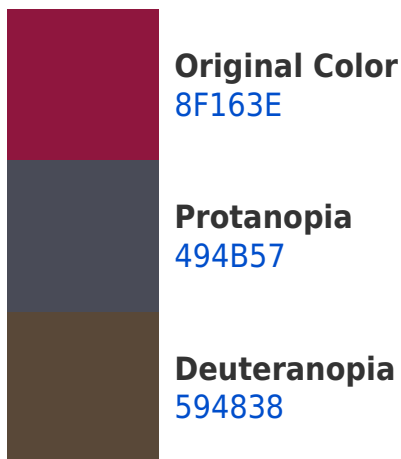


This preview shows how white text looks on a background with the Hex color 8F163E.

# 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**  
8E1F20

# Trichromacy



**Original Color**  
8F163E

**Protanomaly**  
62384E

**Deuteranomaly**  
6D363A

**Tritanomaly**  
8E1C2B

# Monochromacy



**Original Color**  
8F163E

**Achromatopsia**  
3F3F3F

**Achromatomaly**  
5C303F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8F163E 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 #8F163E looks like.

```
.text, #text, p{  
    color:#8F163E  
}
```

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 #8F163E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8F163E
}
```

## Border

The CSS property to change the border of an element to Hex 8F163E is called "border". The border property can be set on classes, ids or directly on the HTML element.

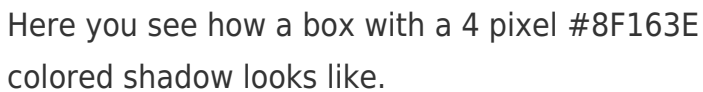
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8F163E }
```

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

```
.border{ border-color:#8F163E }
```

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



Here you see how a box with a 4 pixel #8F163E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8F163E; -webkit-box-shadow:4px 4px  
4px 4px #8F163E; box-shadow:4px 4px 4px  
4px #8F163E }
```

# Background

The CSS property to change the background color of an element to Hex 8F163E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8F163E }
```

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

```
.background{ background-color:#8F163E }
```

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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