

# Converting Colors

Hex(8E1F44)

Have a look what the booklet for  
Hex(8E1F44) contains.

<b>Hex(8E1F44)</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(8E1F44)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8E1F44
RGB	142, 31, 68
RGB Percent	56%, 12%, 27%
CMY	0.4431, 0.8784, 0.7333
CMYK	0.00, 0.78, 0.52, 0.44
HSL	340°, 64%, 34%
HSV	340°, 78%, 56%
XYZ	12.6887, 7.1481, 6.1798
YIQ	68.4070, 54.2790, 35.0390

# Conversions

## Conversions Part 2

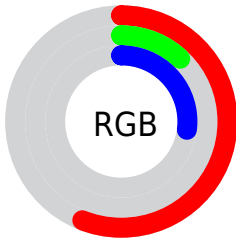
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	142, 31, 68
Decimal	9314116
CIE Lab	32.14, 48.03, 6.14
CIE LCh	32, 48.426, 7.288
Yxy	7.1481, 0.4877, 0.2748
Android (android.graphics.Color)	4287504196 (0xFF8E1F44)
YUV	68.4070, -0.2007, 64.5411
Hunter-Lab	26.7360, 37.9270, 5.0108

# Details

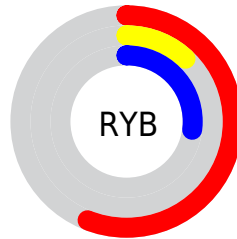
The Hex color **8E1F44** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **1F8E69**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **C85674**, and **56001A** is the 20% darker color. If you saturate the color by 10%, you get **8E113B**, and if you desaturate by 10%, it is **8E2D4D**.

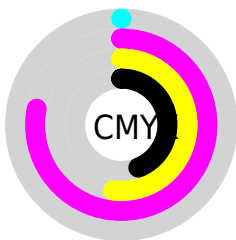
# Distribution



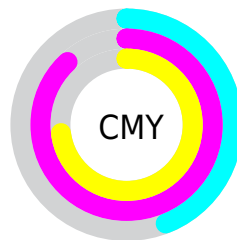
- Red (56%)
- Green (12%)
- Blue (27%)



- Red (56%)
- Yellow (12%)
- Blue (27%)



- Cyan (0%)
- Magenta (78%)
- Yellow (52%)
- Black (44%)



- Cyan (44%)
- Magenta (88%)
- Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8E1F44 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 8E1F44 by changing the saturation by 10% instead.



 8E1F44

 8E1F44

FFFFFF

 72002E

 C85674

 56001A

 E6718D

 3C0001

 FF8CA8

 1B0001

 FFA8C3

 000000

 FFC4DF

 FFE1FB

 FFFEFF

 8E1F44

 8E1F44

■ 8E113B

■ 8E2D4D

■ 8E0331

■ 8E3B57

■ 8E002F

■ 8E4A60

■ 8E586A

■ 8E6673

■ 8E747D

■ 8E8286

■ 8E9190

■ 8E9F99

# Harmonies

## Analogous

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



7F296A



8E1F44



882C1F

# Triad

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



8E1F44



2A5602



005792

# Complementary

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



8E1F44



1F8E69

# 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.



005C79



8E1F44



005B2C

# Square

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



8E1F44



544D00



005C54



004D98

# Rectangle

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



8E1F44



7B3906



005C54



00598C



# Sweetspot

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



8E1F44



B88D9B



691F8E



5C424B



DBDBDB



5C5C5C



# Same Dimension

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



8E1F44



B80B45



8E321F



474043



87002D



080003



# Inverse Universe

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



8E1F44



B80B45



1F7B8E



474043



87002D

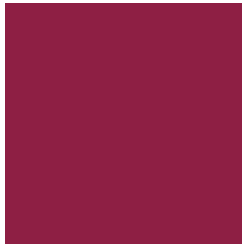


080003



# Previews

## White Background



This preview shows how the Hex color 8E1F44 looks on a white background.

## Color Contrast Check

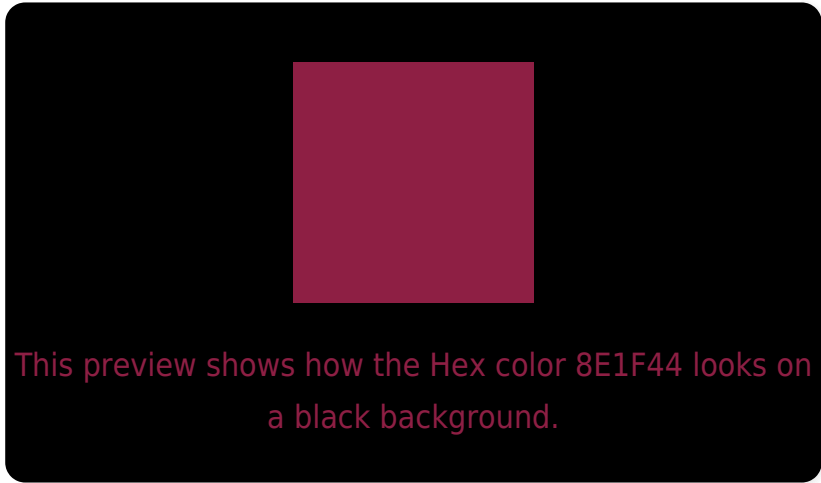
Large Text (above 18pt) WCAG AA ✓ Pass

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 8E1F44 Background



This preview shows how black text looks on a background with the Hex color 8E1F44.



This preview shows how white text looks on a background with the Hex color 8E1F44.

# 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**  
8E1F44

**Protanopia**  
4A4C5C

**Deuteranopia**  
594A3F



**Tritanopia**  
8D2628

# Trichromacy



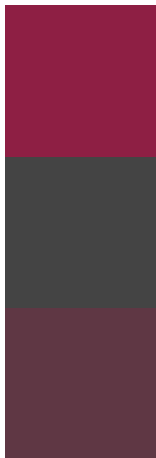
**Original Color**  
8E1F44

**Protanomaly**  
633C53

**Deuteranomaly**  
6C3A41

**Tritanomaly**  
8D2332

# Monochromacy



**Original Color**  
8E1F44

**Achromatopsia**  
444444

**Achromatomaly**  
5F3744

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8E1F44 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 #8E1F44 looks like.

```
.text, #text, p{  
    color:#8E1F44  
}
```

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 #8E1F44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E1F44
}
```

## Border

The CSS property to change the border of an element to Hex 8E1F44 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
#8E1F44 }
```

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

```
.border{ border-color:#8E1F44 }
```

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

Here you see how a box with a 4 pixel #8E1F44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E1F44; -webkit-box-shadow:4px 4px  
4px 4px #8E1F44; box-shadow:4px 4px 4px  
4px #8E1F44 }
```

# Background

The CSS property to change the background color of an element to Hex 8E1F44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E1F44 }
```

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

```
.background{ background-color:#8E1F44 }
```

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