

# Converting Colors

Hex(8D111E)

Have a look what the booklet for  
Hex(8D111E) contains.

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# Color

**Hex(8D111E)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 8D111E                    |
| RGB           | 141, 17, 30               |
| RGB Percent   | 55%, 7%, 12%              |
| CMY           | 0.4471, 0.9333, 0.8824    |
| CMYK          | 0.00, 0.88, 0.79, 0.45    |
| HSL           | 354°, 78%, 31%            |
| HSV           | 354°, 88%, 55%            |
| XYZ           | 11.4193, 6.1574, 1.8149   |
| YIQ           | 55.5580, 69.7310, 30.3310 |

# Conversions

## Conversions Part 2

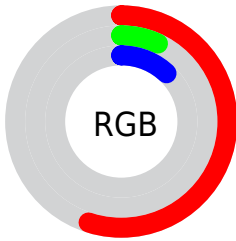
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 141, 17, 30                   |
| Decimal                             | 9244958                       |
| CIE <sub>Lab</sub>                  | 29.81, 49.28, 27.89           |
| CIE <sub>LCh</sub>                  | 30, 56.623, 29.505            |
| Yxy                                 | 6.1574, 0.5889,<br>0.3175     |
| Android<br>(android.graphics.Color) | 4287435038<br>(0xFF8D111E)    |
| YUV                                 | 55.5580, -12.6001,<br>74.9326 |
| Hunter-Lab                          | 24.8140, 38.7203,<br>13.0333  |

# Details

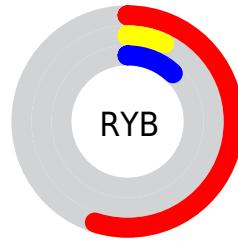
The Hex color **8D111E** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **118D80**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **C94D4A**, and **520000** is the 20% darker color. If you saturate the color by 10%, you get **8D0311**, and if you desaturate by 10%, it is **8D1F2B**.

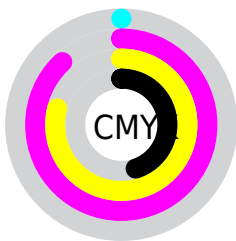
# Distribution



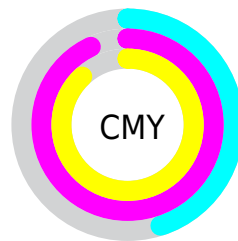
- Red (55%)
- Green (7%)
- Blue (12%)



- Red (55%)
- Yellow (7%)
- Blue (12%)



- Cyan (0%)
- Magenta (88%)
- Yellow (79%)
- Black (45%)



- Cyan (45%)
- Magenta (93%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8D111E 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 8D111E by changing the saturation by 10% instead.



 8D111E

 8D111E

FFFFFF

 700007

 C94D4A

 520000

 E86862

 380002

 FF837B

 0E0000

 FF9E95

 000000

 FFBAAF

 FFD7CB

 FFF4E7

 8D111E

 8D111E

■ 8D0311

■ 8D1F2B

■ 8D000F

■ 8D2D37

■ 8D3B44

■ 8D4950

■ 8D585D

■ 8D666A

■ 8D7476

■ 8D8283

■ 8D9090

# Harmonies

## Analogous

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



8F0049



8D111E



793100

# Triad

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



8D111E



005614



004DA0

# Complementary

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



8D111E



118D80

# 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.



005592



8D111E



005844

# Square

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



8D111E



2C5000



005871



3B3B94

# Rectangle

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



8D111E



643F00



005871



00509E



# Sweetspot

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



8D111E



B8888D



7F118D



5C3F42



DBDBDB



5C5C5C



# Same Dimension

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



8D111E



B80013



8D4111



474041



87000E



080001



# Inverse Universe

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



8D111E



B80013



115D8D



474041



87000E



080001



# Previews

## White Background



This preview shows how the Hex color 8D111E looks on a white background.

## Color Contrast Check

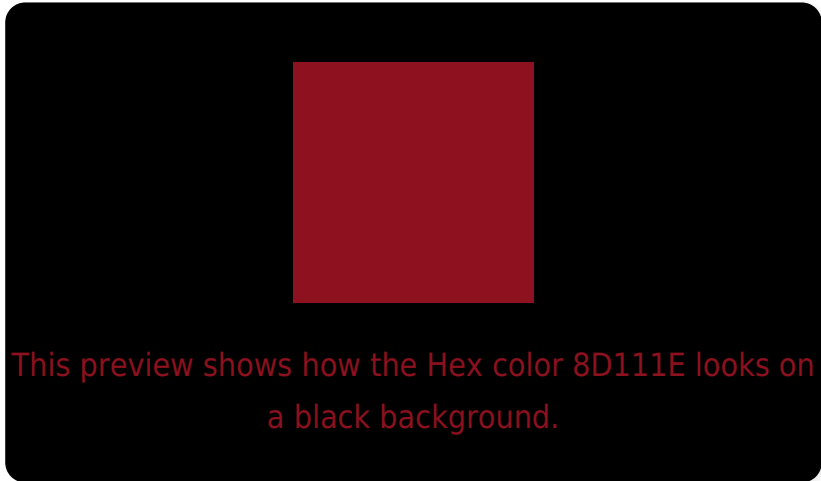
Large Text (above 18pt) WCAG AA ✓ Pass

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 8D111E Background



This preview shows how black text looks on a background with the Hex color 8D111E.

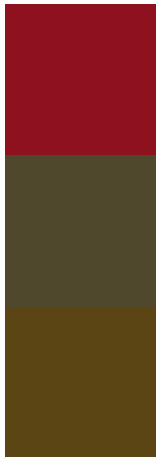


This preview shows how white text looks on a background with the Hex color 8D111E.

# 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**  
8D111E

**Protanopia**  
4F482D

**Deuteranopia**  
5B4515



**Tritanopia**  
8D1411

# Trichromacy



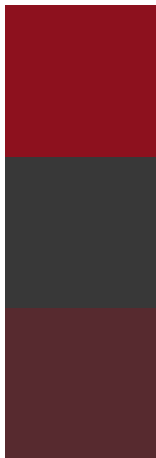
**Original Color**  
8D111E

**Protanomaly**  
663428

**Deuteranomaly**  
6D3218

**Tritanomaly**  
8D1316

# Monochromacy



**Original Color**  
8D111E

**Achromatopsia**  
383838

**Achromatomaly**  
572A2F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8D111E 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 #8D111E looks like.

```
.text, #text, p{  
    color:#8D111E  
}
```

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 #8D111E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8D111E
}
```

## Border

The CSS property to change the border of an element to Hex 8D111E is called "border". The border property can be set on classes, ids or directly on the HTML element.

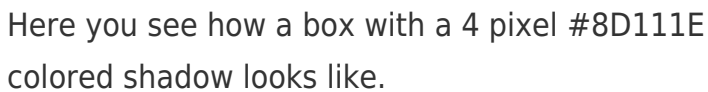
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8D111E }
```

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

```
.border{ border-color:#8D111E }
```

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



Here you see how a box with a 4 pixel #8D111E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8D111E; -webkit-box-shadow:4px 4px  
4px 4px #8D111E; box-shadow:4px 4px 4px  
4px #8D111E }
```

# Background

The CSS property to change the background color of an element to Hex 8D111E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8D111E }
```

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

```
.background{ background-color:#8D111E }
```

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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