

Converting Colors

Hex(8E002F)

Have a look what the booklet for
Hex(8E002F) contains.

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Color

Hex(8E002F)

Conversions

Conversions Part 1

Format	Color
Hex	8E002F
RGB	142, 0, 47
RGB Percent	56%, 0%, 18%
CMY	0.4431, 1.0000, 0.8157
CMYK	0.00, 1.00, 0.67, 0.44
HSL	340°, 100%, 28%
HSV	340°, 100%, 56%
XYZ	11.6684, 5.9560, 3.2240
YIQ	47.8160, 69.5450, 44.7210

Conversions

Conversions Part 2

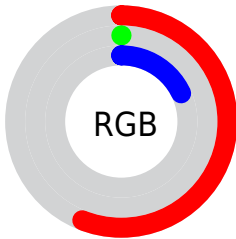
Format	Color
R_{YB}	142, 0, 47
Decimal	9306159
CIE Lab	29.30, 53.24, 16.23
CIE LCh	29, 55.656, 16.956
Yxy	5.9560, 0.5597, 0.2857
Android (android.graphics.Color)	4287496239 (0xFF8E002F)
YUV	47.8160, -0.4023, 82.5994
Hunter-Lab	24.4050, 42.6352, 9.2511

Details

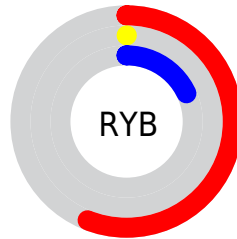
The Hex color **8E002F** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **008E5F**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **CA475C**, and **540000** is the 20% darker color. If you saturate the color by 10%, you get **8E002F**, and if you desaturate by 10%, it is **8E0E39**.

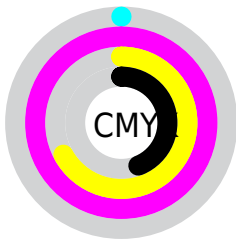
Distribution



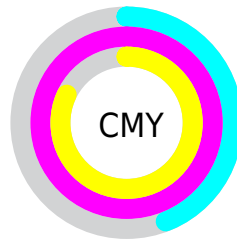
- Red (56%)
- Green (0%)
- Blue (18%)



- Red (56%)
- Yellow (0%)
- Blue (18%)



- Cyan (0%)
- Magenta (100%)
- Yellow (67%)
- Black (44%)



- Cyan (44%)
- Magenta (100%)
- Yellow (82%)

Brightness & Saturation Gradients


These gradients show how the Hex color 8E002F 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 8E002F by changing the saturation by 10% instead.

 8E002F

 8E002F

FFFFFF

 71001B

 CA475C

 540000

 E86375

 3A0002

 FF7E8F

 110000

 FF9AA9

 000000

 FFB6C4

 FFD3E0

 FFF0FD

 8E002F

 8E0E39

 8E1C42

 8E2B4C

 8E3955

 8E475F

 8E5568

 8E6372

 8E727B

 8E8085

Harmonies

Analogous

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



87055A



8E002F



812502

Triad

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



8E002F



005200



00509A

Complementary

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



8E002F



008E5F

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.



005684



8E002F



005630

Square

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



8E002F



3F4B00



00575D



004299

Rectangle

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



8E002F



6F3600



00575D



005395

Sweetspot

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



8E002F



B88193



5F008E



5C3B46



DBDBDB



5C5C5C

Same Dimension

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



8E002F



B8003D



8E1800



474043



87002D



080003

Inverse Universe

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



8E002F



B8003D



00768E



474043



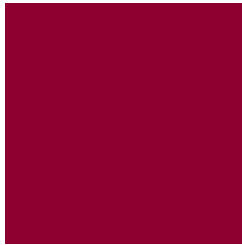
87002D



080003

Previews

White Background



This preview shows how the Hex color 8E002F looks on a white background.

Color Contrast Check

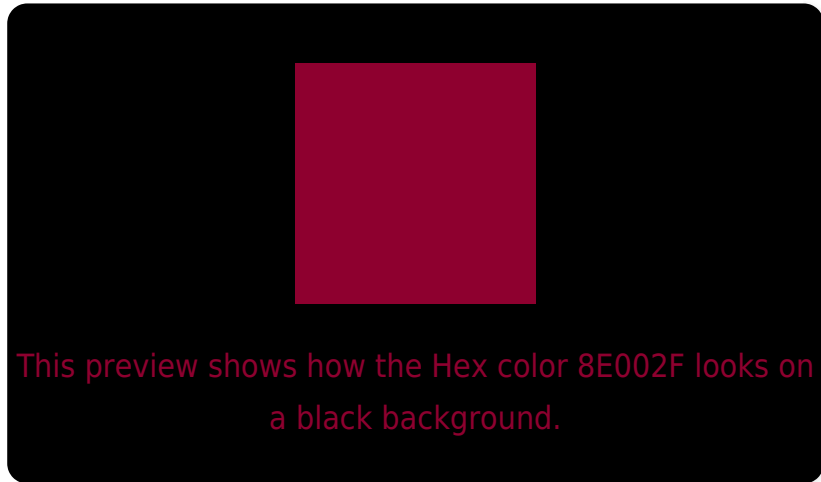
Large Text (above 18pt) WCAG AA ✓ Pass

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 8E002F Background



This preview shows how black text looks on a background with the Hex color 8E002F.



This preview shows how white text looks on a background with the Hex color 8E002F.

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
8E002F

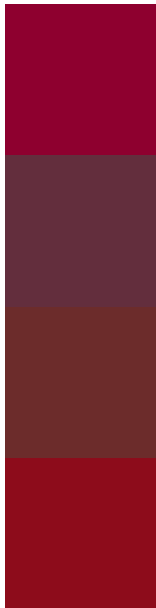
Protanopia
4B4845

Deuteranopia
594528



Tritanopia
8D1310

Trichromacy



Original Color
8E002F

Protanomaly
632E3D

Deuteranomaly
6C2C2B

Tritanomaly
8D0C1B

Monochromacy



Original Color
8E002F

Achromatopsia
303030

Achromatomaly
521F30

CSS Examples

Text

The CSS property to change the color of the text to Hex 8E002F 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 #8E002F looks like.

```
.text, #text, p{  
    color:#8E002F  
}
```

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 #8E002F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8E002F
}
```

Border

The CSS property to change the border of an element to Hex 8E002F is called "border". The border property can be set on classes, ids or directly on the HTML element.

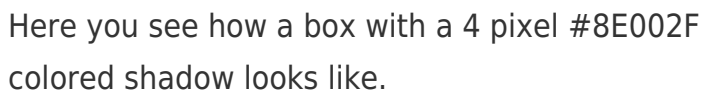
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8E002F }
```

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

```
.border{ border-color:#8E002F }
```

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



Here you see how a box with a 4 pixel #8E002F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8E002F; -webkit-box-shadow:4px 4px  
4px 4px #8E002F; box-shadow:4px 4px 4px  
4px #8E002F }
```

Background

The CSS property to change the background color of an element to Hex 8E002F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8E002F }
```

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

```
.background{ background-color:#8E002F }
```

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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