

Converting Colors

Hex(8C002E)

Have a look what the booklet for
Hex(8C002E) contains.

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Color

Hex(8C002E)

Conversions

Conversions Part 1

Format	Color
Hex	8C002E
RGB	140, 0, 46
RGB Percent	55%, 0%, 18%
CMY	0.4510, 1.0000, 0.8196
CMYK	0.00, 1.00, 0.67, 0.45
HSL	340°, 100%, 27%
HSV	340°, 100%, 55%
XYZ	11.3084, 5.7727, 3.1030
YIQ	47.1040, 68.6740, 43.9860

Conversions

Conversions Part 2

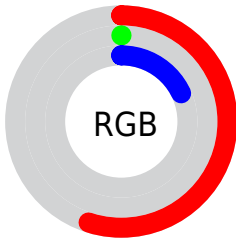
Format	Color
RYB	140, 0, 46
Decimal	9175086
CIELab	28.83, 52.68, 16.21
CIELCh	29, 55.115, 17.100
Yxy	5.7727, 0.5603, 0.2860
Android (android.graphics.Color)	4287365166 (0xFF8C002E)
YUV	47.1040, -0.5443, 81.4698
Hunter-Lab	24.0265, 41.9670, 9.1613

Details

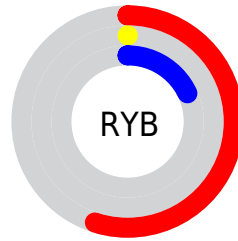
The Hex color **8C002E** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **008C5E**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **C8475B**, and **520000** is the 20% darker color. If you saturate the color by 10%, you get **8C002E**, and if you desaturate by 10%, it is **8C0E37**.

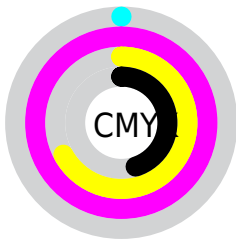
Distribution



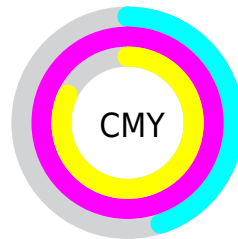
- Red (55%)
- Green (0%)
- Blue (18%)



- Red (55%)
- Yellow (0%)
- Blue (18%)



- Cyan (0%)
- Magenta (100%)
- Yellow (67%)
- Black (45%)



- Cyan (45%)
- Magenta (100%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8C002E 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 8C002E by changing the saturation by 10% instead.

 8C002E

 8C002E

FFFFFF

 6F001A

 C8475B

 520000

 E66274

 380002

 FF7D8D

 0C0000

 FF99A8

 000000

 FFB5C3

 FFD2DF

 FFEFFB

 8C002E

 8C0E37

 8C1C41

 8C2A4A

 8C3854

 8C465D

 8C5466

 8C6270

 8C7079

 8C7E83

Harmonies

Analogous

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



850558



8C002E



7F2401

Triad

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



8C002E



005100



004F98

Complementary

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



8C002E



008C5E

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.



005482



8C002E



00552F

Square

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



8C002E



3E4900



00565C



004197

Rectangle

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



8C002E



6E3500



00565C



005193

Sweetspot

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



8C002E



B57F91



5D008C



5C3B46



DBDBDB



5C5C5C

Same Dimension

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



8C002E



B5003B



8C1700



453E40



85002C



050002

Inverse Universe

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



8C002E



B5003B



00758C



453E40



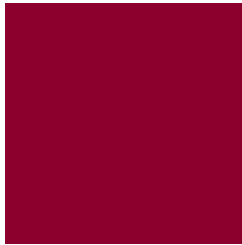
85002C



050002

Previews

White Background



This preview shows how the Hex color 8C002E looks on a white background.

Color Contrast Check

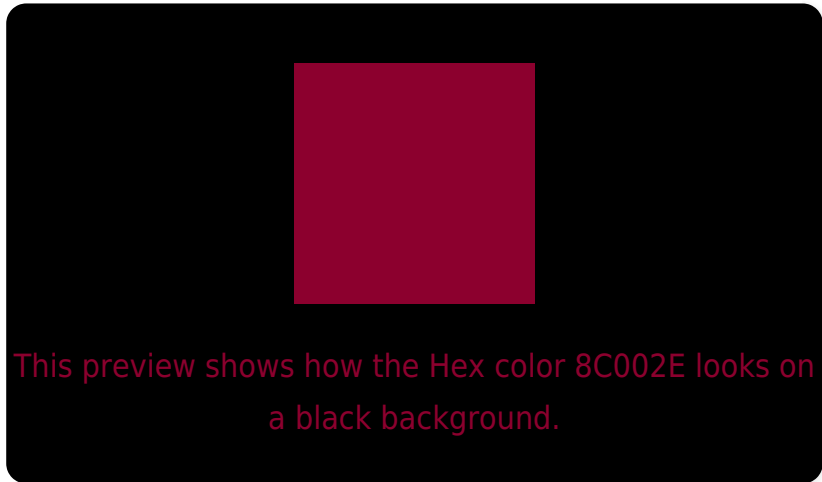
Large Text (above 18pt) WCAG AA ✓ Pass

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 8C002E Background



This preview shows how black text looks on a background with the Hex color 8C002E.



This preview shows how white text looks on a background with the Hex color 8C002E.

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
8C002E

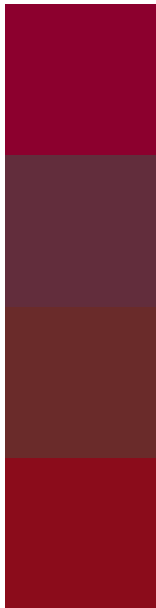
Protanopia
4A4744

Deuteranopia
574428



Tritanopia
8B1310

Trichromacy



Original Color
8C002E

Protanomaly
622D3C

Deuteranomaly
6A2B2A

Tritanomaly
8B0C1B

Monochromacy



Original Color
8C002E

Achromatopsia
2F2F2F

Achromatomaly
511E2F

CSS Examples

Text

The CSS property to change the color of the text to Hex 8C002E 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 #8C002E looks like.

```
.text, #text, p{  
    color:#8C002E  
}
```

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 #8C002E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C002E
}
```

Border

The CSS property to change the border of an element to Hex 8C002E is called "border". The border property can be set on classes, ids or directly on the HTML element.

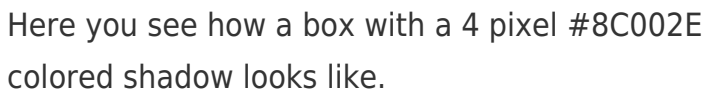
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8C002E }
```

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

```
.border{ border-color:#8C002E }
```

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



Here you see how a box with a 4 pixel #8C002E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C002E; -webkit-box-shadow:4px 4px  
4px 4px #8C002E; box-shadow:4px 4px 4px  
4px #8C002E }
```

Background

The CSS property to change the background color of an element to Hex 8C002E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C002E }
```

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

```
.background{ background-color:#8C002E }
```

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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