

Converting Colors

Hex(8C002A)

Have a look what the booklet for
Hex(8C002A) contains.

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Color

Hex(8C002A)

Conversions

Conversions Part 1

Format	Color
Hex	8C002A
RGB	140, 0, 42
RGB Percent	55%, 0%, 16%
CMY	0.4510, 1.0000, 0.8353
CMYK	0.00, 1.00, 0.70, 0.45
HSL	342°, 100%, 27%
HSV	342°, 100%, 55%
XYZ	11.2331, 5.7426, 2.7069
YIQ	46.6480, 69.9580, 42.7420

Conversions

Conversions Part 2

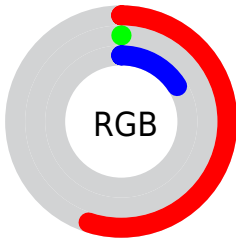
Format	Color
RYB	140, 0, 42
Decimal	9175082
CIELab	28.75, 52.47, 18.79
CIElCh	29, 55.731, 19.704
Yxy	5.7426, 0.5707, 0.2918
Android (android.graphics.Color)	4287365162 (0xFF8C002A)
YUV	46.6480, -2.2915, 81.8697
Hunter-Lab	23.9638, 41.7362, 10.0774

Details

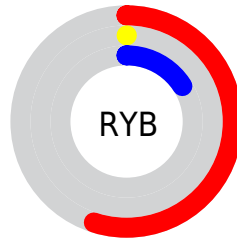
The Hex color **8C002A** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **008C62**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **C84757**, and **520000** is the 20% darker color. If you saturate the color by 10%, you get **8C002A**, and if you desaturate by 10%, it is **8C0E34**.

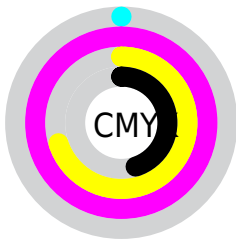
Distribution



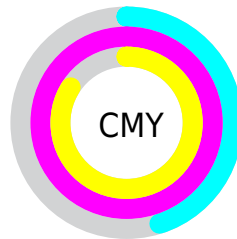
- Red (55%)
- Green (0%)
- Blue (16%)



- Red (55%)
- Yellow (0%)
- Blue (16%)



- Cyan (0%)
- Magenta (100%)
- Yellow (70%)
- Black (45%)



- Cyan (45%)
- Magenta (100%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8C002A 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 8C002A by changing the saturation by 10% instead.

 8C002A

 8C002A

FFFFFF

 6F0016

 C84757

 520000

 E6626F

 370002

 FF7D89

 0A0000

 FF99A3

 000000

 FFB5BE

 FFD2DA

 FFEFF6

 8C002A

 8C0E34

 8C1C3E

 8C2A47

 8C3851

 8C465B

 8C5465

 8C626F

 8C7078

 8C7E82

Harmonies

Analogous

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



870055



8C002A



7D2600

Triad

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



8C002A



005100



004E9A

Complementary

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



8C002A



008C62

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.



005485



8C002A



005533

Square

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



8C002A



3A4A00



005660



003F96

Rectangle

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



8C002A



6B3600



005660



005195

Sweetspot

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



8C002A



B57F8F



62008C



5C3B45



DBDBDB



5C5C5C

Same Dimension

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



8C002A



B50036



8C1C00



453E40



850028



050002

Inverse Universe

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



8C002A



B50036



00708C



453E40



850028



050002

Previews

White Background



This preview shows how the Hex color 8C002A looks on a white background.

Color Contrast Check

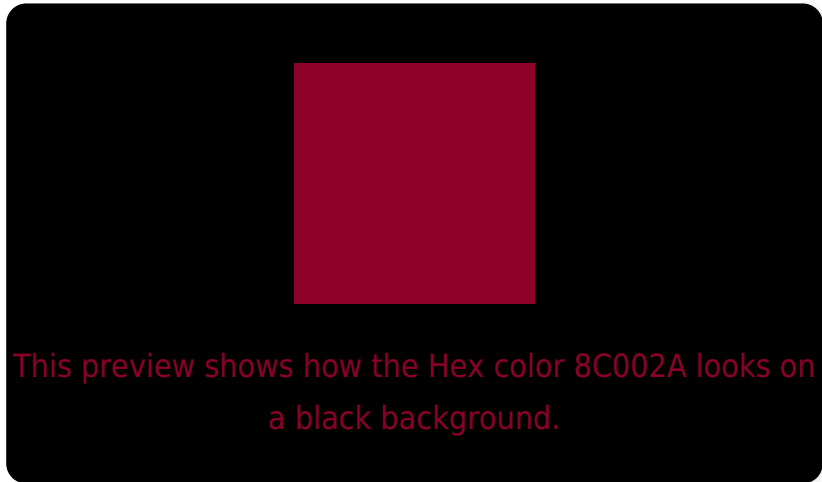
Large Text (above 18pt) WCAG AA ✓ Pass

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 8C002A Background



This preview shows how black text looks on a background with the Hex color 8C002A.



This preview shows how white text looks on a background with the Hex color 8C002A.

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
8C002A

Protanopia
4B473E

Deuteranopia
584423



Tritanopia
8B110E

Trichromacy



Original Color
8C002A

Protanomaly
632D37

Deuteranomaly
6B2B26

Tritanomaly
8B0B18

Monochromacy



Original Color
8C002A

Achromatopsia
2F2F2F

Achromatomaly
511E2D

CSS Examples

Text

The CSS property to change the color of the text to Hex 8C002A 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 #8C002A looks like.

```
.text, #text, p{  
    color:#8C002A  
}
```

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 #8C002A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C002A
}
```

Border

The CSS property to change the border of an element to Hex 8C002A 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".

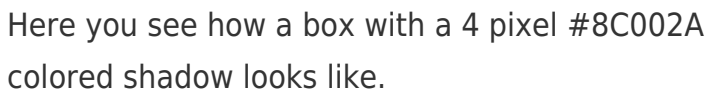
```
.border, #border, table{ border:4px solid
#8C002A }
```

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

```
.border{ border-color:#8C002A }
```

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

Here you see how a box with a 4 pixel #8C002A colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #8C002A colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C002A; -webkit-box-shadow:4px 4px  
4px 4px #8C002A; box-shadow:4px 4px 4px  
4px #8C002A }
```

Background

The CSS property to change the background color of an element to Hex 8C002A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C002A }
```

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

```
.background{ background-color:#8C002A }
```

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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