

Converting Colors

Hex(8C0031)

Have a look what the booklet for
Hex(8C0031) contains.

Hex(8C0031)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(8C0031)

Conversions

Conversions Part 1

Format	Color
Hex	8C0031
RGB	140, 0, 49
RGB Percent	55%, 0%, 19%
CMY	0.4510, 1.0000, 0.8078
CMYK	0.00, 1.00, 0.65, 0.45
HSL	339°, 100%, 27%
HSV	339°, 100%, 55%
XYZ	11.3696, 5.7972, 3.4255
YIQ	47.4460, 67.7110, 44.9190

Conversions

Conversions Part 2

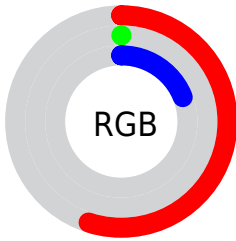
Format	Color
R_{YB}	140, 0, 49
Decimal	9175089
CIE _{Lab}	28.89, 52.85, 14.27
CIE _{LCh}	29, 54.741, 15.109
Yxy	5.7972, 0.5521, 0.2815
Android (android.graphics.Color)	4287365169 (0xFF8C0031)
YUV	47.4460, 0.7661, 81.1699
Hunter-Lab	24.0774, 42.1542, 8.4191

Details

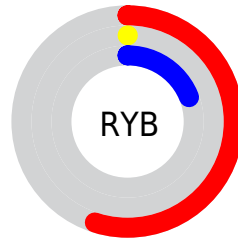
The Hex color **8C0031** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **008C5B**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **C7475F**, and **530002** is the 20% darker color. If you saturate the color by 10%, you get **8C0031**, and if you desaturate by 10%, it is **8C0E3A**.

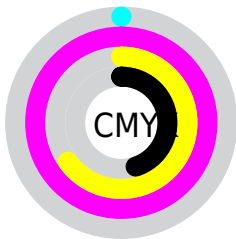
Distribution



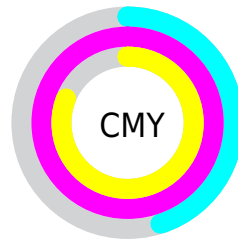
- Red (55%)
- Green (0%)
- Blue (19%)



- Red (55%)
- Yellow (0%)
- Blue (19%)



- Cyan (0%)
- Magenta (100%)
- Yellow (65%)
- Black (45%)



- Cyan (45%)
- Magenta (100%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8C0031 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 8C0031 by changing the saturation by 10% instead.

 8C0031

 8C0031

FFFFFF

 6F001C

 C7475F

 530002

 E66277

 380002

 FF7E91

 0D0000

 FF99AB

 000000

 FFB5C7

 FFD2E3

 FFEFFF

 8C0031

 8C0E3A

 8C1C43

 8C2A4C

 8C3855

 8C465E

 8C5468

 8C6271

 8C707A

 8C7E83

Harmonies

Analogous

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



83095B



8C0031



802305

Triad

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



8C0031



005100



004F97

Complementary

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



8C0031



008C5B

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.



005580



8C0031



00542D

Square

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



8C0031



414900



005659



004297

Rectangle

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



8C0031



703400



005659



005292

Sweetspot

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



8C0031



B57F92



5B008C



5C3B46



DBDBDB



5C5C5C

Same Dimension

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



8C0031



B5003F



8C1500



453E40



85002E



050002

Inverse Universe

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



8C0031



B5003F



00778C



453E40



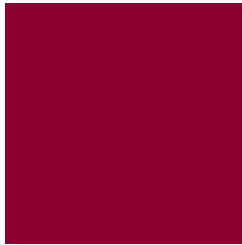
85002E



050002

Previews

White Background



This preview shows how the Hex color 8C0031 looks on a white background.

Color Contrast Check

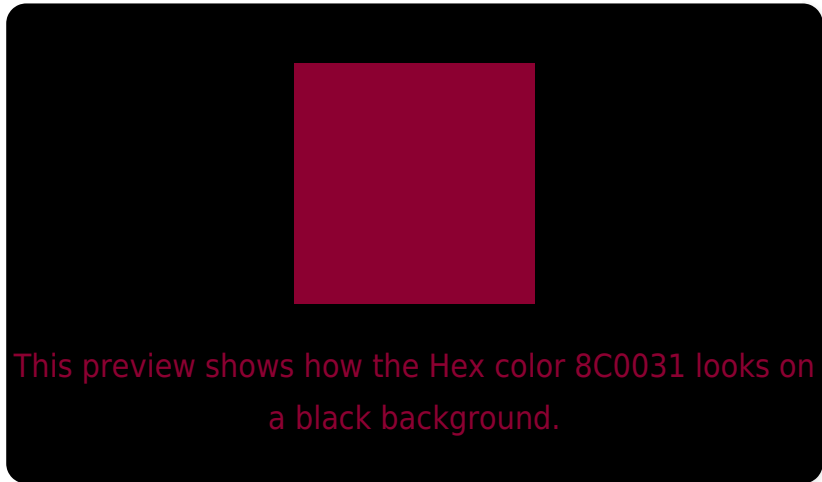
Large Text (above 18pt) WCAG AA ✓ Pass

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 8C0031 Background



This preview shows how black text looks on a background with the Hex color 8C0031.



This preview shows how white text looks on a background with the Hex color 8C0031.

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
8C0031

Protanopia
494748

Deuteranopia
57442B



Tritanopia
8B1412

Trichromacy



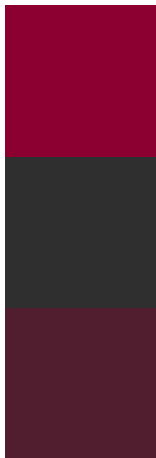
Original Color
8C0031

Protanomaly
612D40

Deuteranomaly
6A2B2D

Tritanomaly
8B0D1D

Monochromacy



Original Color
8C0031

Achromatopsia
2F2F2F

Achromatomaly
511E30

CSS Examples

Text

The CSS property to change the color of the text to Hex 8C0031 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 #8C0031 looks like.

```
.text, #text, p{  
    color:#8C0031  
}
```

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 #8C0031 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C0031
}
```

Border

The CSS property to change the border of an element to Hex 8C0031 is called "border". The border property can be set on classes, ids or directly on the HTML element.

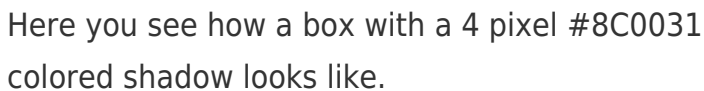
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8C0031 }
```

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

```
.border{ border-color:#8C0031 }
```

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



Here you see how a box with a 4 pixel #8C0031 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C0031; -webkit-box-shadow:4px 4px  
4px 4px #8C0031; box-shadow:4px 4px 4px  
4px #8C0031 }
```

Background

The CSS property to change the background color of an element to Hex 8C0031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C0031 }
```

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

```
.background{ background-color:#8C0031 }
```

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