

Converting Colors

Hex(8C0047)

Have a look what the booklet for
Hex(8C0047) contains.

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Color

Hex(8C0047)

Conversions

Conversions Part 1

Format	Color
Hex	8C0047
RGB	140, 0, 71
RGB Percent	55%, 0%, 28%
CMY	0.4510, 1.0000, 0.7216
CMYK	0.00, 1.00, 0.49, 0.45
HSL	330°, 100%, 27%
HSV	330°, 100%, 55%
XYZ	11.9525, 6.0304, 6.4952
YIQ	49.9540, 60.6490, 51.7610

Conversions

Conversions Part 2

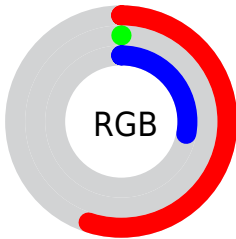
Format	Color
RYB	140, 0, 71
Decimal	9175111
CIELab	29.49, 54.43, 0.28
CIElCh	29, 54.429, 0.298
Yxy	6.0304, 0.4883, 0.2464
Android (android.graphics.Color)	4287365191 (0xFF8C0047)
YUV	49.9540, 10.3757, 78.9703
Hunter-Lab	24.5568, 43.9068, 1.5077

Details

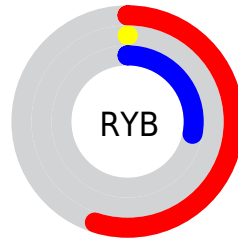
The Hex color **8C0047** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **008C45**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **C64877**, and **53001C** is the 20% darker color. If you saturate the color by 10%, you get **8C0047**, and if you desaturate by 10%, it is **8C0E4E**.

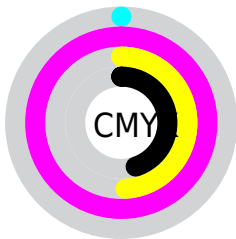
Distribution



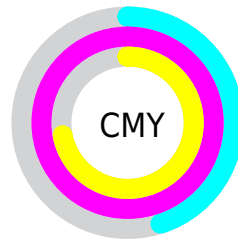
- Red (55%)
- Green (0%)
- Blue (28%)



- Red (55%)
- Yellow (0%)
- Blue (28%)



- Cyan (0%)
- Magenta (100%)
- Yellow (49%)
- Black (45%)



- Cyan (45%)
- Magenta (100%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 8C0047 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 8C0047 by changing the saturation by 10% instead.

 8C0047

 8C0047

FFFFFF

 6F0031

 C64877

 53001C

 E46391

 3B0002

 FF7FAB

 140000

 FF9BC6

 000000

 FFB7E2

 FFD3FF

 FFF1FF

 8C0047

 8C0E4E

 8C1C55

 8C2A5C

 8C3863

 8C466A

 8C5470

 8C6277

 8C707E

 8C7E85

Harmonies

Analogous

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



771F70



8C0047



8A161E

Triad

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



8C0047



2B4F00



00548F

Complementary

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



8C0047



008C45

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.



00576F



8C0047



005417

Square

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



8C0047



564400



005745



004B9B

Rectangle

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



8C0047



7E2A00



005745



005686

Sweetspot

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



8C0047



B57F9A



44008C



5C3B4C



DBDBDB



5C5C5C

Same Dimension

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



8C0047



B5005C



8C0002



453E41



850043



050003

Inverse Universe

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



8C0047



B5005C



008C8A



453E41



850043



050003

Previews

White Background



This preview shows how the Hex color 8C0047 looks on a white background.

Color Contrast Check

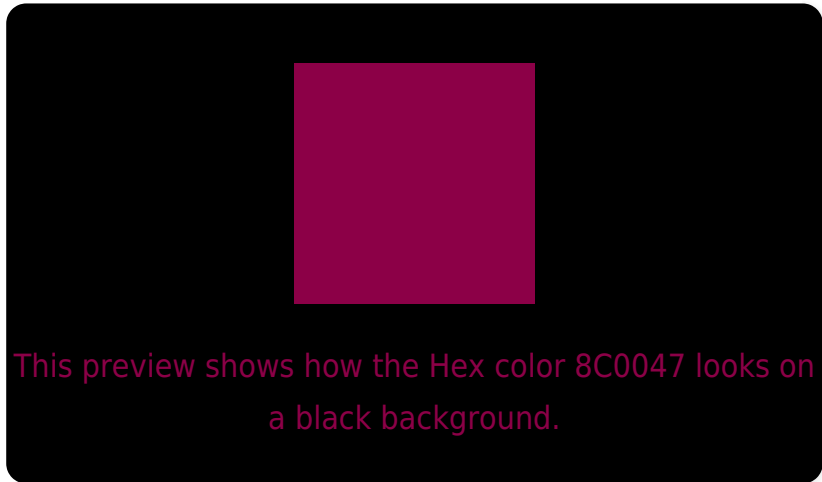
Large Text (above 18pt) WCAG AA ✓ Pass

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 8C0047 Background



This preview shows how black text looks on a background with the Hex color 8C0047.



This preview shows how white text looks on a background with the Hex color 8C0047.

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
8C0047

Protanopia
3F4867

Deuteranopia
534641



Tritanopia
8A1C1C

Trichromacy



Original Color
8C0047

Protanomaly
5B2E5B

Deuteranomaly
682D43

Tritanomaly
8B122C

Monochromacy



Original Color
8C0047

Achromatopsia
323232

Achromatomaly
53203A

CSS Examples

Text

The CSS property to change the color of the text to Hex 8C0047 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 #8C0047 looks like.

```
.text, #text, p{  
    color:#8C0047  
}
```

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 #8C0047 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C0047
}
```

Border

The CSS property to change the border of an element to Hex 8C0047 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
#8C0047 }
```

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

```
.border{ border-color:#8C0047 }
```

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

Here you see how a box with a 4 pixel #8C0047 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C0047; -webkit-box-shadow:4px 4px  
4px 4px #8C0047; box-shadow:4px 4px 4px  
4px #8C0047 }
```

Background

The CSS property to change the background color of an element to Hex 8C0047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C0047 }
```

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

```
.background{ background-color:#8C0047 }
```

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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