

# Converting Colors

Hex(8C004A)

Have a look what the booklet for  
Hex(8C004A) contains.

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# Color

**Hex(8C004A)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8C004A
RGB	140, 0, 74
RGB Percent	55%, 0%, 29%
CMY	0.4510, 1.0000, 0.7098
CMYK	0.00, 1.00, 0.47, 0.45
HSL	328°, 100%, 27%
HSV	328°, 100%, 55%
XYZ	12.0512, 6.0699, 7.0150
YIQ	50.2960, 59.6860, 52.6940

# Conversions

## Conversions Part 2

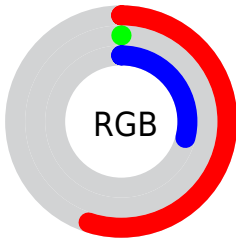
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	140, 0, 74
Decimal	9175114
CIE Lab	29.59, 54.69, -1.58
CIE LCh	30, 54.712, 358.348
Yxy	6.0699, 0.4794, 0.2415
Android (android.graphics.Color)	4287365194 (0xFF8C004A)
YUV	50.2960, 11.6861, 78.6704
Hunter-Lab	24.6371, 44.1985, 0.3641

# Details

The Hex color **8C004A** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **008C42**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **C6487A**, and **54001F** is the 20% darker color. If you saturate the color by 10%, you get **8C004A**, and if you desaturate by 10%, it is **8C0E51**.

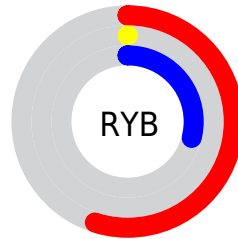
# Distribution



Red (55%)

Green (0%)

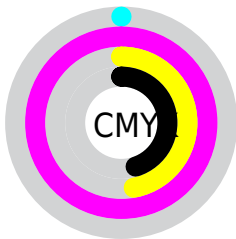
Blue (29%)



Red (55%)

Yellow (0%)

Blue (29%)

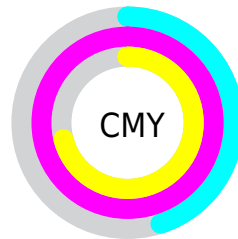


Cyan (0%)

Magenta (100%)

Yellow (47%)

Black (45%)



Cyan (45%)

Magenta (100%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C004A 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 8C004A by changing the saturation by 10% instead.



 8C004A

 8C004A

FFFFFF

 700034

 C6487A

 54001F

 E46494

 3B0005

 FF7FAF

 160000

 FF9BCA

 000000

 FFB7E6

 FFD4FF

 FFF1FF

 8C004A

 8C0E51

 8C1C57

 8C2A5E

 8C3864

 8C466B

 8C5472

 8C6278

 8C707F

 8C7E85

# Harmonies

## Analogous

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



752173



8C004A



8B1420

# Triad

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



8C004A



2F4F00



00558E

# Complementary

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



8C004A



008C42

# 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.



00576D



8C004A



005414

# Square

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



8C004A



584300



005742



004C9C

# Rectangle

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



8C004A



802801



005742



005685



# Sweetspot

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



8C004A



B57F9B



41008C



5C3B4C



DBDBDB



5C5C5C



# Same Dimension

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



8C004A



B50060



8C0005



453E42



850046



050003



# Inverse Universe

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



8C004A



B50060



008C87



453E42



850046



050003



# Previews

## White Background



This preview shows how the Hex color 8C004A looks on a white background.

## Color Contrast Check

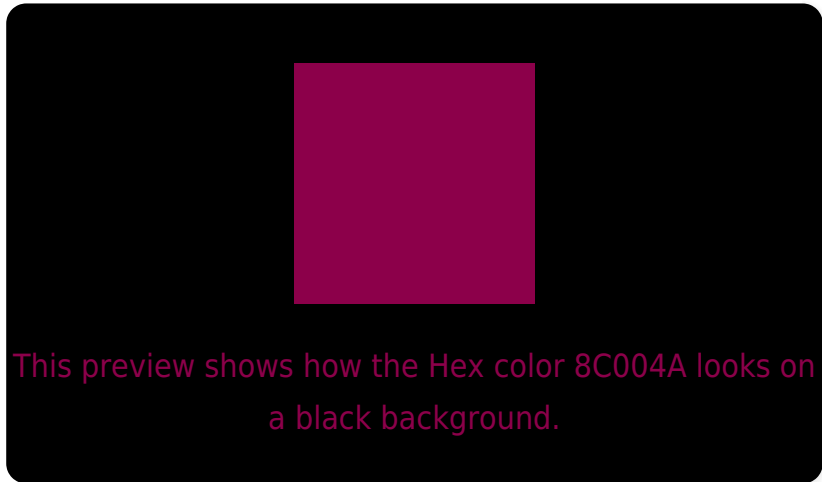
Large Text (above 18pt) WCAG AA ✓ Pass

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 8C004A Background



This preview shows how black text looks on a background with the Hex color 8C004A.

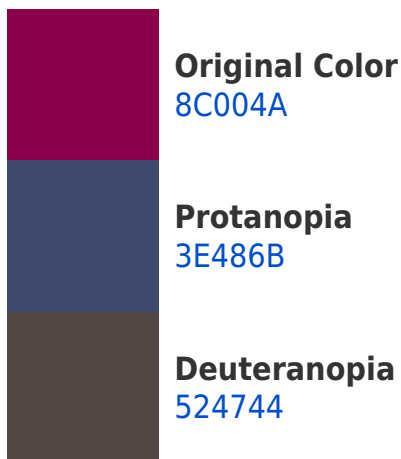


This preview shows how white text looks on a background with the Hex color 8C004A.

# 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





**Tritanopia**  
8A1D1E

# Trichromacy



**Original Color**  
8C004A

**Protanomaly**  
5A2E5F

**Deuteranomaly**  
672D46

**Tritanomaly**  
8B122E

# Monochromacy



**Original Color**  
8C004A

**Achromatopsia**  
323232

**Achromatomaly**  
53203B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C004A 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 #8C004A looks like.

```
.text, #text, p{  
    color:#8C004A  
}
```

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 #8C004A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C004A
}
```

## Border

The CSS property to change the border of an element to Hex 8C004A 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
#8C004A }
```

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

```
.border{ border-color:#8C004A }
```

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

Here you see how a box with a 4 pixel #8C004A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C004A; -webkit-box-shadow:4px 4px  
4px 4px #8C004A; box-shadow:4px 4px 4px  
4px #8C004A }
```

# Background

The CSS property to change the background color of an element to Hex 8C004A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C004A }
```

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

```
.background{ background-color:#8C004A }
```

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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