

# Converting Colors

Hex(8C0040)

Have a look what the booklet for  
Hex(8C0040) contains.

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**Color**

**Hex(8C0040)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8C0040
RGB	140, 0, 64
RGB Percent	55%, 0%, 25%
CMY	0.4510, 1.0000, 0.7490
CMYK	0.00, 1.00, 0.54, 0.45
HSL	333°, 100%, 27%
HSV	333°, 100%, 55%
XYZ	11.7406, 5.9456, 5.3793
YIQ	49.1560, 62.8960, 49.5840

# Conversions

## Conversions Part 2

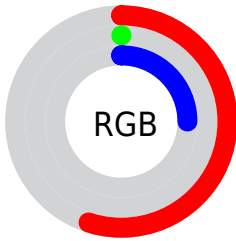
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	140, 0, 64
Decimal	9175104
CIE Lab	29.27, 53.86, 4.67
CIE LCh	29, 54.065, 4.959
Yxy	5.9456, 0.5090, 0.2578
Android (android.graphics.Color)	4287365184 (0xFF8C0040)
YUV	49.1560, 7.3181, 79.6702
Hunter-Lab	24.3836, 43.2758, 3.9885

# Details

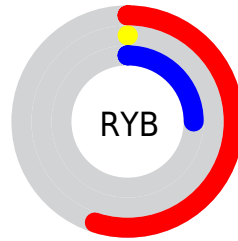
The Hex color **8C0040** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **008C4C**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **C7476F**, and **530016** is the 20% darker color. If you saturate the color by 10%, you get **8C0040**, and if you desaturate by 10%, it is **8C0E48**.

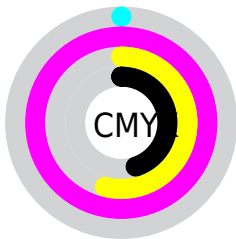
# Distribution



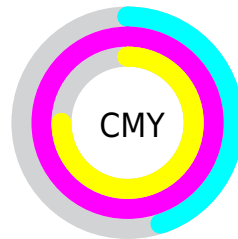
- Red (55%)
- Green (0%)
- Blue (25%)



- Red (55%)
- Yellow (0%)
- Blue (25%)



- Cyan (0%)
- Magenta (100%)
- Yellow (54%)
- Black (45%)



- Cyan (45%)
- Magenta (100%)
- Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C0040 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 8C0040 by changing the saturation by 10% instead.



 8C0040

 8C0040

FFFFFF

 6F002A

 C7476F

 530016

 E56389

 3A0002

 FF7EA3

 120000

 FF9ABE

 000000

 FFB6DA

 FFD3F6

 FFF0FF

 8C0040

 8C0E48

 8C1C4F

 8C2A57

 8C385E

 8C4666

 8C546E

 8C6275

 8C707D

 8C7E84

# Harmonies

## Analogous

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



7B1A69



8C0040



861B17

# Triad

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



8C0040



214F00



005391

# Complementary

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



8C0040



008C4C

# 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.



005674



8C0040



00541F

# Square

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



8C0040



4F4600



00564B



00499A

# Rectangle

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



8C0040



792D00



00564B



00548A



# Sweetspot

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



8C0040



B57F98



4B008C



5C3B4A



DBDBDB



5C5C5C



# Same Dimension

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



8C0040



B50053



8C0500



453E41



85003D



050002



# Inverse Universe

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



8C0040



B50053



00878C



453E41



85003D



050002



# Previews

## White Background



This preview shows how the Hex color 8C0040 looks on a white background.

## Color Contrast Check

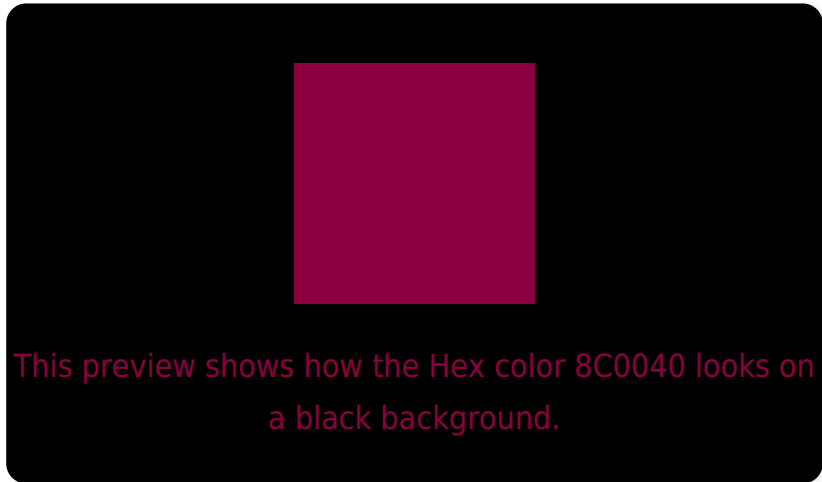
Large Text (above 18pt) WCAG AA ✓ Pass

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 8C0040 Background



This preview shows how black text looks on a background with the Hex color 8C0040.

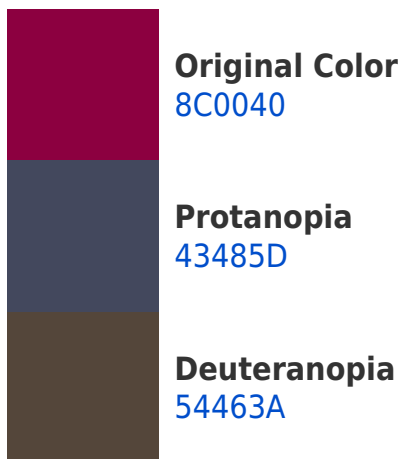


This preview shows how white text looks on a background with the Hex color 8C0040.

# 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**  
8A1A19

# Trichromacy



**Original Color**  
8C0040

**Protanomaly**  
5E2E52

**Deuteranomaly**  
682D3C

**Tritanomaly**  
8B1127

# Monochromacy



**Original Color**  
8C0040

**Achromatopsia**  
313131

**Achromatomaly**  
521F36

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C0040 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 #8C0040 looks like.

```
.text, #text, p{  
    color:#8C0040  
}
```

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 #8C0040 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C0040
}
```

## Border

The CSS property to change the border of an element to Hex 8C0040 is called "border". The border property can be set on classes, ids or directly on the HTML element.

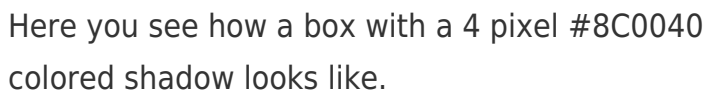
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8C0040 }
```

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

```
.border{ border-color:#8C0040 }
```

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



Here you see how a box with a 4 pixel #8C0040 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C0040; -webkit-box-shadow:4px 4px  
4px 4px #8C0040; box-shadow:4px 4px 4px  
4px #8C0040 }
```

# Background

The CSS property to change the background color of an element to Hex 8C0040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C0040 }
```

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

```
.background{ background-color:#8C0040 }
```

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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