

# Converting Colors

Hex(8F0048)

Have a look what the booklet for  
Hex(8F0048) contains.

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# Color

**Hex(8F0048)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8F0048
RGB	143, 0, 72
RGB Percent	56%, 0%, 28%
CMY	0.4392, 1.0000, 0.7176
CMYK	0.00, 1.00, 0.50, 0.44
HSL	330°, 100%, 28%
HSV	330°, 100%, 56%
XYZ	12.4974, 6.3075, 6.6897
YIQ	50.9650, 62.1160, 52.7080

# Conversions

## Conversions Part 2

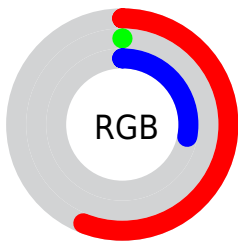
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	143, 0, 72
Decimal	9371720
CIE <sub>Lab</sub>	30.18, 55.22, 0.69
CIE <sub>LCh</sub>	30, 55.224, 0.720
Yxy	6.3075, 0.4902, 0.2474
Android (android.graphics.Color)	4287561800 (0xFF8F0048)
YUV	50.9650, 10.3703, 80.7147
Hunter-Lab	25.1148, 44.8727, 1.7876

# Details

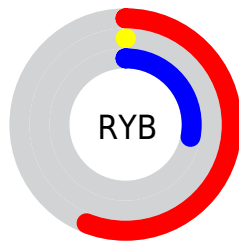
The Hex color **8F0048** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **008F47**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **CA4978**, and **56001D** is the 20% darker color. If you saturate the color by 10%, you get **8F0048**, and if you desaturate by 10%, it is **8F0E4F**.

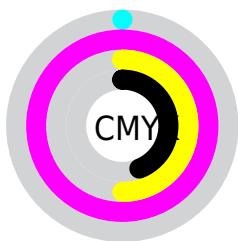
# Distribution



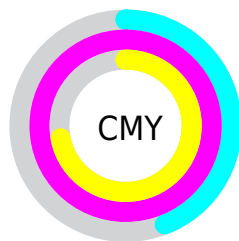
- Red (56%)
- Green (0%)
- Blue (28%)



- Red (56%)
- Yellow (0%)
- Blue (28%)



- Cyan (0%)
- Magenta (100%)
- Yellow (50%)
- Black (44%)



- Cyan (44%)
- Magenta (100%)
- Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8F0048 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 8F0048 by changing the saturation by 10% instead.



 8F0048

 8F0048

FFFFFF

 720032

 CA4978

 56001D

 E86492

 3E0003

 FF80AC

 1A0001

 FF9CC8

 000000

 FFB8E4

 FFD5FF

 FFF2FF

 8F0048

 8F0E4F

 8F1D56

 8F2B5D

 8F3964

 8F486B

 8F5673

 8F647A

 8F7281

 8F8188

# Harmonies

## Analogous

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



7A1F72



8F0048



8C171E

# Triad

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



8F0048



2B5100



005692

# Complementary

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



8F0048



008F47

# 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.



005972



8F0048



005619

# Square

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



8F0048



574600



005947



004D9E

# Rectangle

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



8F0048



802B00



005947



00578A



# Sweetspot

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



8F0048



BA829E



45008F



5E3C4D



DEDEDE



5E5E5E



# Same Dimension

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



8F0048



BA005E



8F0002



474044



870044



080004



# Inverse Universe

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



8F0048



BA005E



008F8D



474044



870044



080004



# Previews

## White Background



This preview shows how the Hex color 8F0048 looks on a white background.

## Color Contrast Check

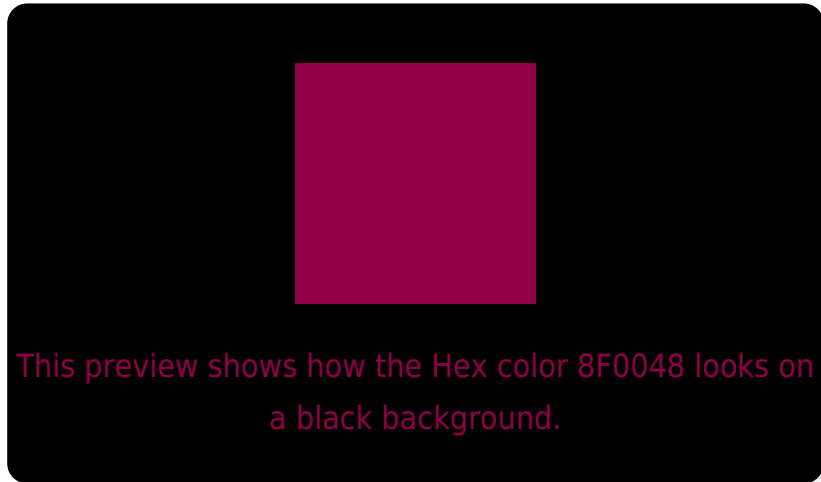
Large Text (above 18pt) WCAG AA ✓ Pass

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

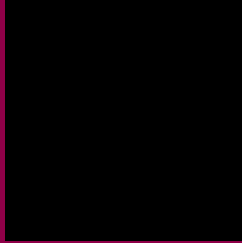
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8F0048 Background



This preview shows how black text looks on a background with the Hex color 8F0048.



This preview shows how white text looks on a background with the Hex color 8F0048.

# 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**  
8F0048

**Protanopia**  
414968

**Deuteranopia**  
554842



**Tritanopia**  
8D1D1D

# Trichromacy



**Original Color**  
8F0048

**Protanomaly**  
5D2E5C

**Deuteranomaly**  
6A2E44

**Tritanomaly**  
8E122D

# Monochromacy



**Original Color**  
8F0048

**Achromatopsia**  
333333

**Achromatomaly**  
54203B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8F0048 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 #8F0048 looks like.

```
.text, #text, p{  
    color:#8F0048  
}
```

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 #8F0048 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8F0048
}
```

## Border

The CSS property to change the border of an element to Hex 8F0048 is called "border". The border property can be set on classes, ids or directly on the HTML element.

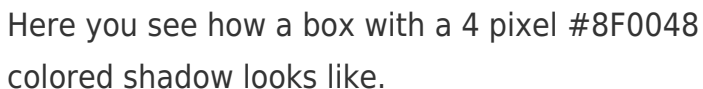
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8F0048 }
```

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

```
.border{ border-color:#8F0048 }
```

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



Here you see how a box with a 4 pixel #8F0048 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8F0048; -webkit-box-shadow:4px 4px  
4px 4px #8F0048; box-shadow:4px 4px 4px  
4px #8F0048 }
```

# Background

The CSS property to change the background color of an element to Hex 8F0048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8F0048 }
```

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

```
.background{ background-color:#8F0048 }
```

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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