

# Converting Colors

Hex(8F001F)

Have a look what the booklet for  
Hex(8F001F) contains.

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# Color

**Hex(8F001F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8F001F
RGB	143, 0, 31
RGB Percent	56%, 0%, 12%
CMY	0.4392, 1.0000, 0.8784
CMYK	0.00, 1.00, 0.78, 0.44
HSL	347°, 100%, 28%
HSV	347°, 100%, 56%
XYZ	11.5750, 5.9386, 1.8325
YIQ	46.2910, 75.2770, 39.9570

# Conversions

## Conversions Part 2

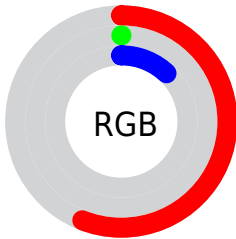
Format	Color
<a href="#">RYB</a>	<a href="#">143, 0, 31</a>
Decimal	<a href="#">9371679</a>
CIELab	<a href="#">29.26, 52.76, 26.78</a>
CIELCh	<a href="#">29, 59.168, 26.906</a>
Yxy	<a href="#">5.9386, 0.5983, 0.3070</a>
Android (android.graphics.Color)	<a href="#">4287561759 (0xFF8F001F)</a>
YUV	<a href="#">46.2910, -7.5385, 84.8138</a>
Hunter-Lab	<a href="#">24.3692, 42.1389, 12.5999</a>

# Details

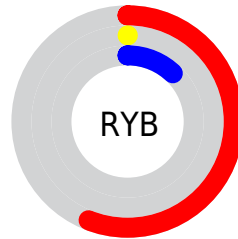
The Hex color **8F001F** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **008F70**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **CC474B**, and **540000** is the 20% darker color. If you saturate the color by 10%, you get **8F001F**, and if you desaturate by 10%, it is **8F0E2A**.

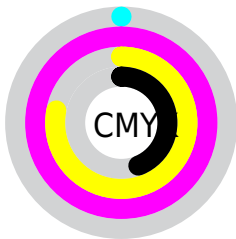
# Distribution



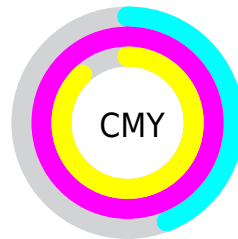
- Red (56%)
- Green (0%)
- Blue (12%)



- Red (56%)
- Yellow (0%)
- Blue (12%)



- Cyan (0%)
- Magenta (100%)
- Yellow (78%)
- Black (44%)



- Cyan (44%)
- Magenta (100%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8F001F 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 8F001F by changing the saturation by 10% instead.





8F001F



8F001F

FFFFFF



710009



CC474B



540000



EB6263



390002



FF7E7C



100000



FF9996



000000



FFB6B0



FFD2CC



FFEFE8



8F001F

 8F0E2A

 8F1D35

 8F2B41

 8F394C

 8F4857

 8F5662

 8F646D

 8F7279

 8F8184

# Harmonies

## Analogous

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



90004C



8F001F



7B2C00

# Triad

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



8F001F



00540A



004DA2

# Complementary

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



8F001F



008F70

# 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.



005592



8F001F



00573F

# Square

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



8F001F



2D4E00



00586E



2D3B98

# Rectangle

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



8F001F



663C00



00586E



0051A0



# Sweetspot

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



8F001F



BA828E



6E008F



5E3C44



DEDEDE



5E5E5E



# Same Dimension

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



8F001F



BA0028



8F2600



474042



87001D



080002



# Inverse Universe

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



8F001F



BA0028



00698F



474042



87001D



080002



# Previews

## White Background



This preview shows how the Hex color 8F001F looks on a white background.

## Color Contrast Check

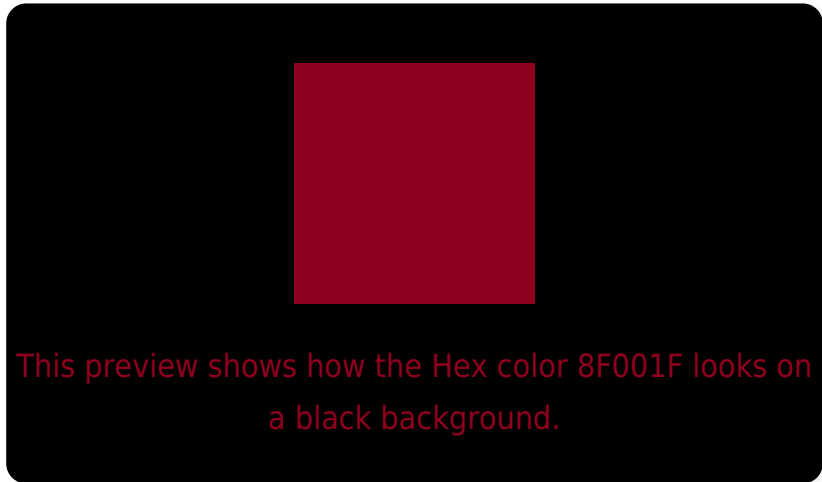
Large Text (above 18pt) WCAG AA ✓ Pass

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 8F001F Background



This preview shows how black text looks on a background with the Hex color 8F001F.



This preview shows how white text looks on a background with the Hex color 8F001F.

# 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**  
8F001F

**Protanopia**  
4F482F

**Deuteranopia**  
5B4515



# Trichromacy



**Original Color**  
8F001F

**Protanomaly**  
662E29

**Deuteranomaly**  
6E2C19

**Tritanomaly**  
8F080E

# Monochromacy



**Original Color**  
8F001F

**Achromatopsia**  
2E2E2E

**Achromatomaly**  
511D29

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8F001F 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 #8F001F looks like.

```
.text, #text, p{  
    color:#8F001F  
}
```

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 #8F001F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8F001F
}
```

## Border

The CSS property to change the border of an element to Hex 8F001F is called "border". The border property can be set on classes, ids or directly on the HTML element.

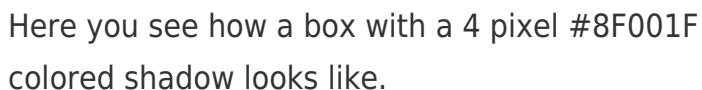
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8F001F }
```

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

```
.border{ border-color:#8F001F }
```

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



Here you see how a box with a 4 pixel #8F001F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8F001F; -webkit-box-shadow:4px 4px  
4px 4px #8F001F; box-shadow:4px 4px 4px  
4px #8F001F }
```

# Background

The CSS property to change the background color of an element to Hex 8F001F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8F001F }
```

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

```
.background{ background-color:#8F001F }
```

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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