

# Converting Colors

Hex(97021F)

Have a look what the booklet for  
Hex(97021F) contains.

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**Color**

**Hex(97021F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	97021F
RGB	151, 2, 31
RGB Percent	59%, 1%, 12%
CMY	0.4078, 0.9922, 0.8784
CMYK	0.00, 0.99, 0.79, 0.41
HSL	348°, 97%, 30%
HSV	348°, 99%, 59%
XYZ	13.0315, 6.7217, 1.9069
YIQ	49.8570, 79.4950, 40.6070

# Conversions

## Conversions Part 2

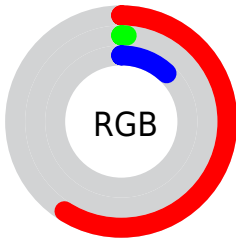
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	151, 2, 31
Decimal	9896479
CIE Lab	31.16, 54.53, 29.38
CIE LCh	31, 61.939, 28.317
Yxy	6.7217, 0.6016, 0.3103
Android (android.graphics.Color)	4288086559 (0xFF97021F)
YUV	49.8570, -9.2965, 88.7024
Hunter-Lab	25.9262, 44.3505, 13.7875

# Details

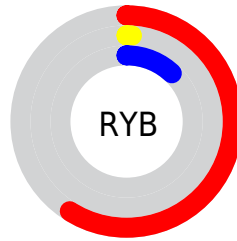
The Hex color **97021F** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **02977A**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **D44A4B**, and **5B0000** is the 20% darker color. If you saturate the color by 10%, you get **97001D**, and if you desaturate by 10%, it is **97112B**.

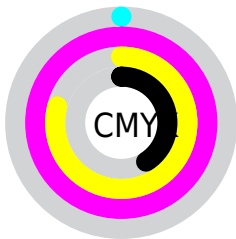
# Distribution



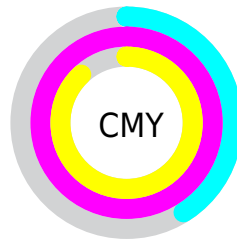
- Red (59%)
- Green (1%)
- Blue (12%)



- Red (59%)
- Yellow (1%)
- Blue (12%)



- Cyan (0%)
- Magenta (99%)
- Yellow (79%)
- Black (41%)



- Cyan (41%)
- Magenta (99%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 97021F 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 97021F by changing the saturation by 10% instead.



 97021F

 97021F

FFFFFF

 790009

 D44A4B

 5B0000

 F46563

 3F0002

 FF817C

 1E0001

 FF9D96

 000000

 FFB9B1

 FFD6CC

 FFF3E8

 97021F

 97021F

■ 97001D

■ 97112B

■ 972037

■ 972F43

■ 973E50

■ 974D5C

■ 975D68

■ 976C74

■ 977B80

■ 978A8C

# Harmonies

## Analogous

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



99004E



97021F



813000

# Triad

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



97021F



005A0E



0051AC

# Complementary

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



97021F



02977A

# 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.



005A9C



97021F



005C45

# Square

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



97021F



2D5300



005D77



363EA0

# Rectangle

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



97021F



6A4000



005D77



0055AA



# Sweetspot

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



97021F



C48995



790297



634047



E3E3E3



636363



# Same Dimension

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



97021F



C40026



972F02



4D4546



8C001B



0D0002



# Inverse Universe

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



97021F



C40026



026A97



4D4546



8C001B



0D0002



# Previews

## White Background



This preview shows how the Hex color 97021F looks on a white background.

## Color Contrast Check

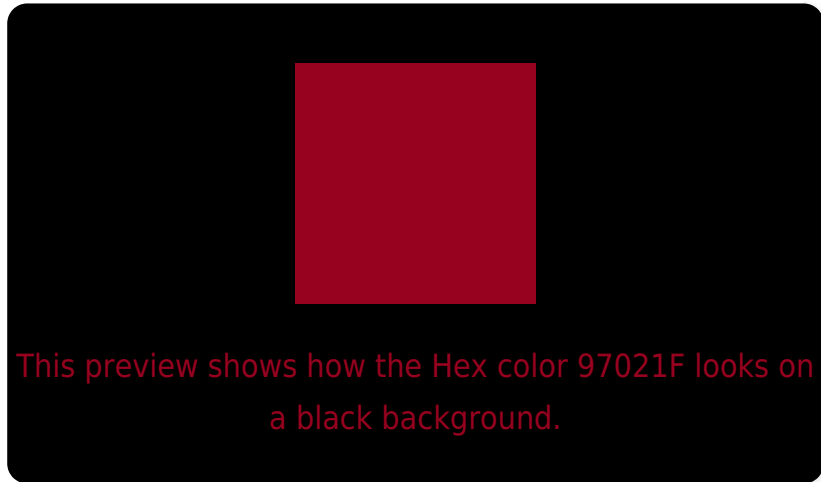
Large Text (above 18pt) WCAG AA ✓ Pass

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 97021F Background



This preview shows how black text looks on a background with the Hex color 97021F.



This preview shows how white text looks on a background with the Hex color 97021F.

# 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**  
97021F

**Protanopia**  
534D30

**Deuteranopia**  
604914



# Trichromacy



**Original Color**  
97021F

**Protanomaly**  
6C322A

**Deuteranomaly**  
742F18

**Tritanomaly**  
97090D

# Monochromacy



**Original Color**  
97021F

**Achromatopsia**  
323232

**Achromatomaly**  
57212B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 97021F 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 #97021F looks like.

```
.text, #text, p{  
    color:#97021F  
}
```

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 #97021F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97021F
}
```

## Border

The CSS property to change the border of an element to Hex 97021F is called "border". The border property can be set on classes, ids or directly on the HTML element.

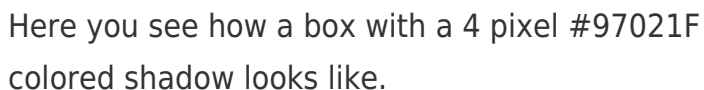
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#97021F }
```

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

```
.border{ border-color:#97021F }
```

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



Here you see how a box with a 4 pixel #97021F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97021F; -webkit-box-shadow:4px 4px  
4px 4px #97021F; box-shadow:4px 4px 4px  
4px #97021F }
```

# Background

The CSS property to change the background color of an element to Hex 97021F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97021F }
```

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

```
.background{ background-color:#97021F }
```

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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