

# Converting Colors

Hex(97030F)

Have a look what the booklet for  
Hex(97030F) contains.

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**Color**

**Hex(97030F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	97030F
RGB	151, 3, 15
RGB Percent	59%, 1%, 6%
CMY	0.4078, 0.9882, 0.9412
CMYK	0.00, 0.98, 0.90, 0.41
HSL	355°, 96%, 30%
HSV	355°, 98%, 59%
XYZ	12.8813, 6.6789, 1.0622
YIQ	48.6200, 84.3560, 35.1080

# Conversions

## Conversions Part 2

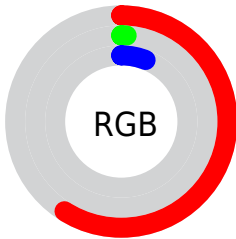
<b>Format</b>	<b>Color</b>
<b>RYB</b>	151, 3, 15
Decimal	9896719
CIELab	31.06, 53.96, 38.41
CIElCh	31, 66.239, 35.443
Yxy	6.6789, 0.6246, 0.3239
Android (android.graphics.Color)	4288086799 (0xFF97030F)
YUV	48.6200, -16.5747, 89.7873
Hunter-Lab	25.8436, 43.7438, 15.6537

# Details

The Hex color **97030F** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **03978B**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **D54A3B**, and **5A0000** is the 20% darker color. If you saturate the color by 10%, you get **97000C**, and if you desaturate by 10%, it is **97121D**.

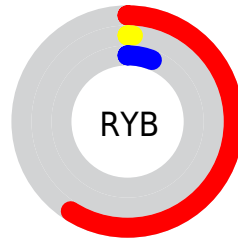
# Distribution



Red (59%)

Green (1%)

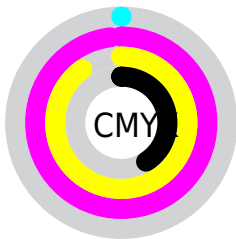
Blue (6%)



Red (59%)

Yellow (1%)

Blue (6%)

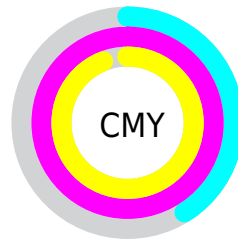


Cyan (0%)

Magenta (98%)

Yellow (90%)

Black (41%)



Cyan (41%)

Magenta (99%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 97030F 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 97030F by changing the saturation by 10% instead.



 97030F

 97030F

 FFFFF3

 790000

 D54A3B

 5A0000

 F56553

 3F0002

 FF816B

 1D0001

 FF9C85

 000000

 FFB99F

 FFD5BA

 FFF3D6

 97030F

 97030F

■ 97000C

■ 97121D

■ 97212B

■ 973039

■ 973F47

■ 974E54

■ 975E62

■ 976D70

■ 977C7E

■ 978B8C

# Harmonies

## Analogous

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



9F0042



97030F



7B3500

# Triad

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



97030F



005B19



004EB3

# Complementary

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



97030F



03978B

# 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.



005AA9



97030F



005D52

# Square

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



97030F



145600



005D85



4E359F

# Rectangle

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



97030F



614500



005D85



0053B3



# Sweetspot

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



97030F



C48B90



8B0397



634143



E3E3E3



636363



# Same Dimension

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



97030F



C40010



974103



4D4545



8C000B



0D0001



# Inverse Universe

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



97030F



C40010



035997



4D4545



8C000B

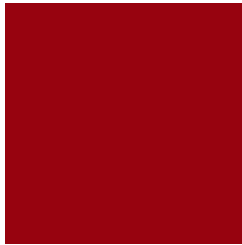


0D0001



# Previews

## White Background



This preview shows how the Hex color 97030F looks on a white background.

## Color Contrast Check

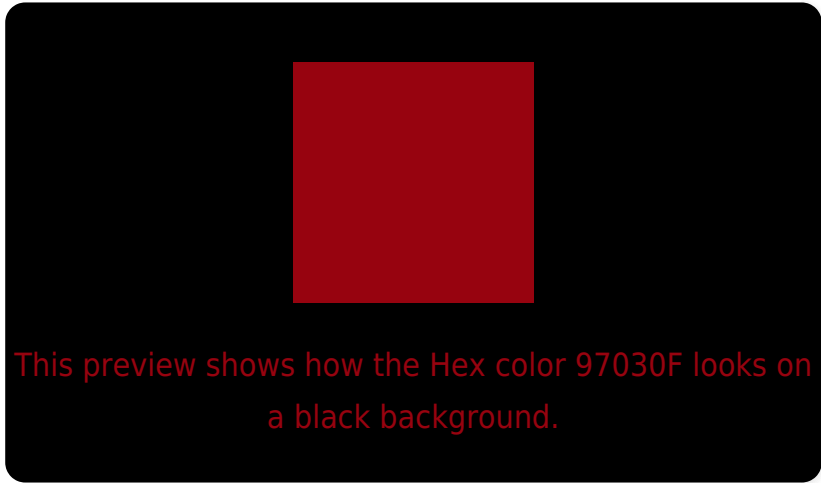
Large Text (above 18pt) WCAG AA ✓ Pass

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 97030F Background



This preview shows how black text looks on a background with the Hex color 97030F.



This preview shows how white text looks on a background with the Hex color 97030F.

# 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**  
97030F

**Protanopia**  
554C1C

**Deuteranopia**  
604800



**Tritanopia**  
960E00

# Trichromacy



**Original Color**  
97030F

**Protanomaly**  
6D3117

**Deuteranomaly**  
742F05

**Tritanomaly**  
960A05

# Monochromacy



**Original Color**  
97030F

**Achromatopsia**  
313131

**Achromatomaly**  
562025

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 97030F 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 #97030F looks like.

```
.text, #text, p{  
    color:#97030F  
}
```

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 #97030F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97030F
}
```

## Border

The CSS property to change the border of an element to Hex 97030F is called "border". The border property can be set on classes, ids or directly on the HTML element.

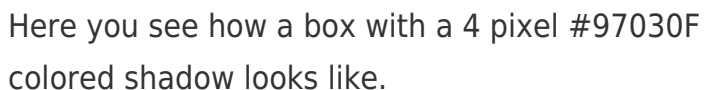
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#97030F }
```

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

```
.border{ border-color:#97030F }
```

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



Here you see how a box with a 4 pixel #97030F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97030F; -webkit-box-shadow:4px 4px  
4px 4px #97030F; box-shadow:4px 4px 4px  
4px #97030F }
```

# Background

The CSS property to change the background color of an element to Hex 97030F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97030F }
```

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

```
.background{ background-color:#97030F }
```

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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