

# Converting Colors

Hex(970450)

Have a look what the booklet for  
Hex(970450) contains.

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# Color

**Hex(970450)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	970450
RGB	151, 4, 80
RGB Percent	59%, 2%, 31%
CMY	0.4078, 0.9843, 0.6863
CMYK	0.00, 0.97, 0.47, 0.41
HSL	329°, 95%, 30%
HSV	329°, 97%, 59%
XYZ	14.2539, 7.2453, 8.2366
YIQ	56.6170, 63.2160, 54.8000

# Conversions

## Conversions Part 2

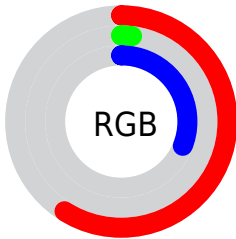
<b>Format</b>	<b>Color</b>
<b>RYB</b>	151, 4, 80
Decimal	9897040
CIELab	32.36, 57.20, -1.21
CIElCh	32, 57.214, 358.791
Yxy	7.2453, 0.4794, 0.2437
Android (android.graphics.Color)	4288087120 (0xFF970450)
YUV	56.6170, 11.5278, 82.7739
Hunter-Lab	26.9171, 47.4190, 0.6993

# Details

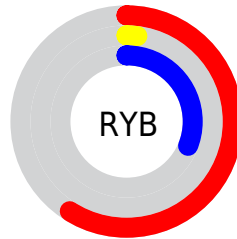
The Hex color **970450** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **04974B**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **D24C81**, and **5E0024** is the 20% darker color. If you saturate the color by 10%, you get **97004E**, and if you desaturate by 10%, it is **971357**.

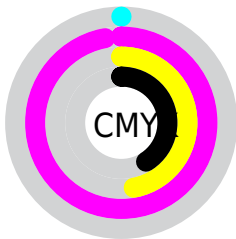
# Distribution



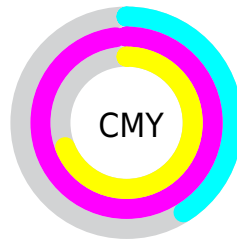
- Red (59%)
- Green (2%)
- Blue (31%)



- Red (59%)
- Yellow (2%)
- Blue (31%)



- Cyan (0%)
- Magenta (97%)
- Yellow (47%)
- Black (41%)



- Cyan (41%)
- Magenta (98%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 970450 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 970450 by changing the saturation by 10% instead.



 970450

 970450

FFFFFF

 7A0039

 D24C81

 5E0024

 F0689B

 43000E

 FF84B6

 260001

 FFA0D1

 000000

 FFBCEE

 FFD9FF

 FFF7FF

 970450

 970450

■ 97004E

■ 971357

■ 97225F

■ 973166

■ 97406D

■ 975074

■ 975F7C

■ 976E83

■ 977D8A

■ 978C92

# Harmonies

## Analogous

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



7F257C



970450



961924

# Triad

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



970450



335600



005C9A

# Complementary

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



970450



04974B

# 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.



005F77



970450



005C18

# Square

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



970450



5F4A00



005F49



0053A7

# Rectangle

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



970450



892D03



005F49



005D90



# Sweetspot

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



970450



C48BA9



490497



634153



E3E3E3



636363



# Same Dimension

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



970450



C40066



970409



4D4549



8C0049



0D0007



# Inverse Universe

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



970450



C40066



049792



4D4549



8C0049

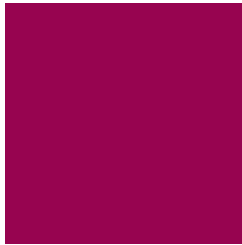


0D0007



# Previews

## White Background



This preview shows how the Hex color 970450 looks on a white background.

## Color Contrast Check

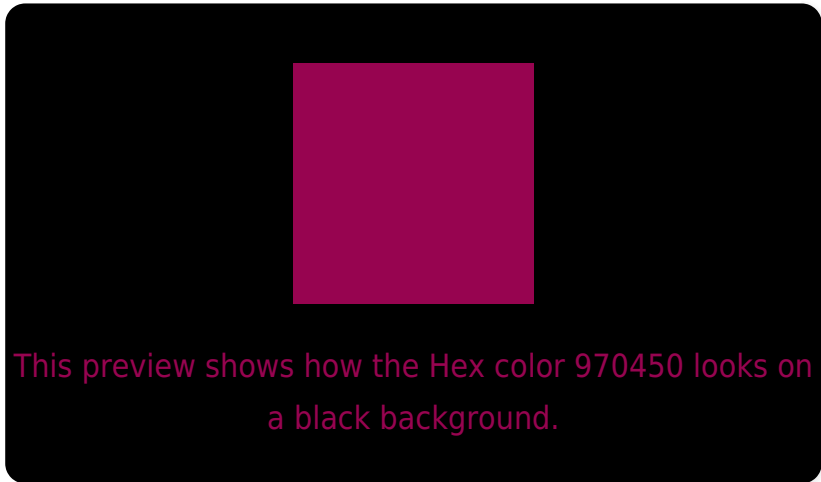
Large Text (above 18pt) WCAG AA ✓ Pass

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 970450 Background



This preview shows how black text looks on a background with the Hex color 970450.



This preview shows how white text looks on a background with the Hex color 970450.

# 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**  
970450

**Protanopia**  
434E73

**Deuteranopia**  
584C4A



# Trichromacy



**Original Color**  
970450

**Protanomaly**  
623366

**Deuteranomaly**  
6F324C

**Tritanomaly**  
961631

# Monochromacy



**Original Color**  
970450

**Achromatopsia**  
393939

**Achromatomaly**  
5B2641

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 970450 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 #970450 looks like.

```
.text, #text, p{  
    color:#970450  
}
```

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 #970450 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #970450
}
```

## Border

The CSS property to change the border of an element to Hex 970450 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".

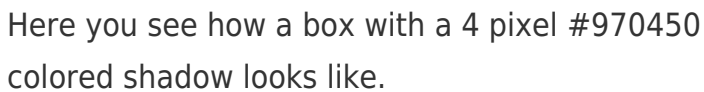
```
.border, #border, table{ border:4px solid
#970450 }
```

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

```
.border{ border-color:#970450 }
```

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

Here you see how a box with a 4 pixel #970450 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The box is white with a dark red border and a dark red shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #970450; -webkit-box-shadow:4px 4px  
4px 4px #970450; box-shadow:4px 4px 4px  
4px #970450 }
```

# Background

The CSS property to change the background color of an element to Hex 970450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#970450 }
```

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

```
.background{ background-color:#970450 }
```

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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