

# Converting Colors

Hex(970457)

Have a look what the booklet for  
Hex(970457) contains.

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**Color**

**Hex(970457)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	970457
RGB	151, 4, 87
RGB Percent	59%, 2%, 34%
CMY	0.4078, 0.9843, 0.6588
CMYK	0.00, 0.97, 0.42, 0.41
HSL	326°, 95%, 30%
HSV	326°, 97%, 59%
XYZ	14.5262, 7.3543, 9.6707
YIQ	57.4150, 60.9690, 56.9770

# Conversions

## Conversions Part 2

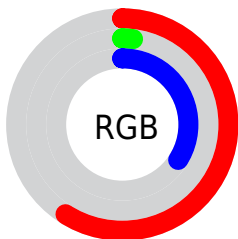
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">151, 4, 87</a>
Decimal	<a href="#">9897047</a>
CIELab	<a href="#">32.60, 57.84, -5.44</a>
CIELCh	<a href="#">33, 58.098, 354.627</a>
Yxy	<a href="#">7.3543, 0.4604, 0.2331</a>
Android (android.graphics.Color)	<a href="#">4288087127 (0xFF970457)</a>
YUV	<a href="#">57.4150, 14.5854, 82.0740</a>
Hunter-Lab	<a href="#">27.1187, 48.1561, -2.1601</a>

# Details

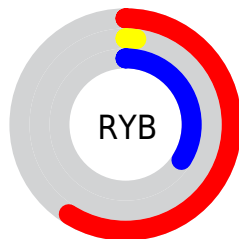
The Hex color **970457** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **049744**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **D24C89**, and **5E002A** is the 20% darker color. If you saturate the color by 10%, you get **970055**, and if you desaturate by 10%, it is **97135E**.

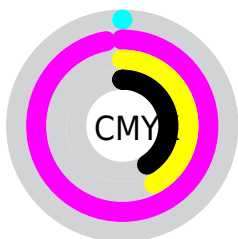
# Distribution



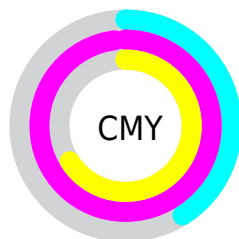
- Red (59%)
- Green (2%)
- Blue (34%)



- Red (59%)
- Yellow (2%)
- Blue (34%)



- Cyan (0%)
- Magenta (97%)
- Yellow (42%)
- Black (41%)



- Cyan (41%)
- Magenta (98%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 970457 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 970457 by changing the saturation by 10% instead.



 970457

 970457

FFFFFF

 7A0040

 D24C89

 5E002A

 F068A3

 430016

 FF84BE

 270001

 FFA0DA

 000000

 FFBDF6

 FFDAFF

 FFF7FF

 970457

 970457

■ 970055

■ 97135E

■ 972264

■ 97316B

■ 974071

■ 975078

■ 975F7E

■ 976E85

■ 977D8C

■ 978C92

# Harmonies

## Analogous

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



7A2983



970457



99122A

# Triad

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



970457



3A5500



005D98

# Complementary

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



970457



049744

# 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.



006072



970457



005C0F

# Square

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



970457



664800



005F43



0055A9

# Rectangle

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



970457



8E290A



005F43



005F8D



# Sweetspot

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



970457



C48BAC



440497



634154



E3E3E3



636363



# Same Dimension

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



970457



C4006F



97040E



4D4549



8C004F



0D0007



# Inverse Universe

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



970457



C4006F



04978D



4D4549



8C004F

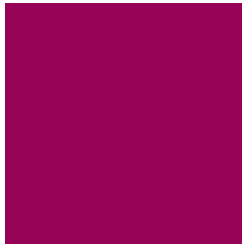


0D0007



# Previews

## White Background



This preview shows how the Hex color 970457 looks on a white background.

## Color Contrast Check

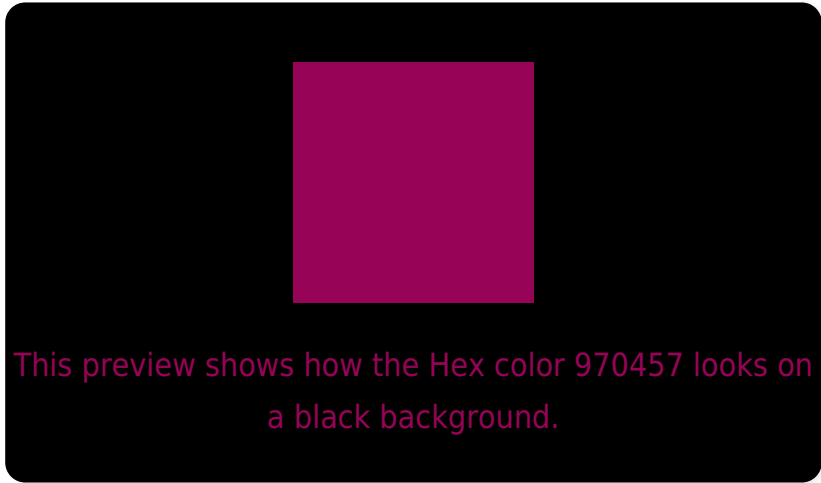
Large Text (above 18pt) WCAG AA ✓ Pass

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 970457 Background



This preview shows how black text looks on a background with the Hex color 970457.



This preview shows how white text looks on a background with the Hex color 970457.

# 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





# Trichromacy



**Original Color**  
970457



**Protanomaly**  
5E336F



**Deuteranomaly**  
6E3253



**Tritanomaly**  
951836

# Monochromacy



**Original Color**  
970457



**Achromatopsia**  
393939



**Achromatomaly**  
5B2644

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 970457 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 #970457 looks like.

```
.text, #text, p{  
    color:#970457  
}
```

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 #970457 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #970457
}
```

## Border

The CSS property to change the border of an element to Hex 970457 is called "border". The border property can be set on classes, ids or directly on the HTML element.

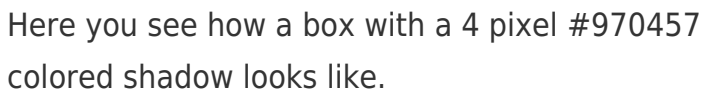
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#970457 }
```

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

```
.border{ border-color:#970457 }
```

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



Here you see how a box with a 4 pixel #970457 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #970457; -webkit-box-shadow:4px 4px  
4px 4px #970457; box-shadow:4px 4px 4px  
4px #970457 }
```

# Background

The CSS property to change the background color of an element to Hex 970457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#970457 }
```

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

```
.background{ background-color:#970457 }
```

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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