

# Converting Colors

Hex(970A7F)

Have a look what the booklet for  
Hex(970A7F) contains.

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**Color**

**Hex(970A7F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	970A7F
RGB	151, 10, 127
RGB Percent	59%, 4%, 50%
CMY	0.4078, 0.9608, 0.5020
CMYK	0.00, 0.93, 0.16, 0.41
HSL	310°, 88%, 32%
HSV	310°, 93%, 59%
XYZ	16.7018, 8.3287, 20.8060
YIQ	65.4970, 46.4790, 66.2790

# Conversions

## Conversions Part 2

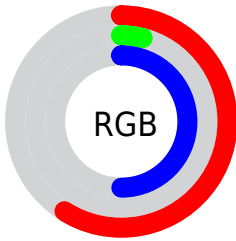
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	151, 10, 127
Decimal	9898623
CIE <sub>Lab</sub>	34.66, 61.70, -27.85
CIE <sub>LCh</sub>	35, 67.698, 335.704
Yxy	8.3287, 0.3644, 0.1817
Android (android.graphics.Color)	4288088703 (0xFF970A7F)
YUV	65.4970, 30.3210, 74.9861
Hunter-Lab	28.8595, 52.7989, -22.5430

# Details

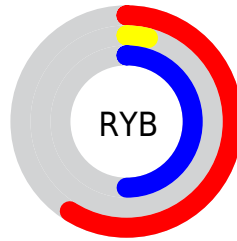
The Hex color **970A7F** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **0A9722**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **D150B4**, and **5F004D** is the 20% darker color. If you saturate the color by 10%, you get **97007D**, and if you desaturate by 10%, it is **971982**.

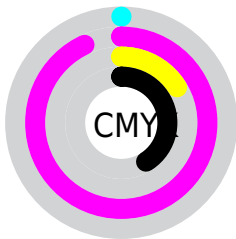
# Distribution



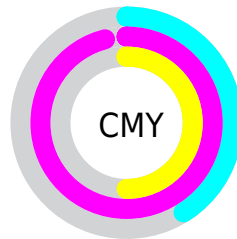
- Red (59%)
- Green (4%)
- Blue (50%)



- Red (59%)
- Yellow (4%)
- Blue (50%)



- Cyan (0%)
- Magenta (93%)
- Yellow (16%)
- Black (41%)



- Cyan (41%)
- Magenta (96%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 970A7F 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 970A7F by changing the saturation by 10% instead.



970A7F

970A7F

FFFFFF

7B0066

D150B4

5F004D

EE6DD0

450036

FF89EC

2B0020

FFA5FF

000003

FFC1FF

000000

FFDFFF

FFFCFF

970A7F

970A7F

■ 97007D

■ 971982

■ 972884

■ 973787

■ 974689

■ 97558C

■ 97658E

■ 977491

■ 978394

■ 979296

# Harmonies

## Analogous

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



593DAB



970A7F



AC004A

# Triad

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



970A7F



5B5300



006790

# Complementary

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



970A7F



0A9722

# 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.



00675B



970A7F



1B5F00

# Square

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



970A7F



863D00



006521



0063B5

# Rectangle

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



970A7F



A90027



006521



00677F



# Sweetspot

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



970A7F



C48DBB



210A97



63425E



E3E3E3



636363



# Same Dimension

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



970A7F



C400A3



970A39



4D454B



8C0074



0D000B



# Inverse Universe

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



970A7F



C400A3



0A9768



4D454B



8C0074



0D000B



# Previews

## White Background



This preview shows how the Hex color 970A7F looks on a white background.

## Color Contrast Check

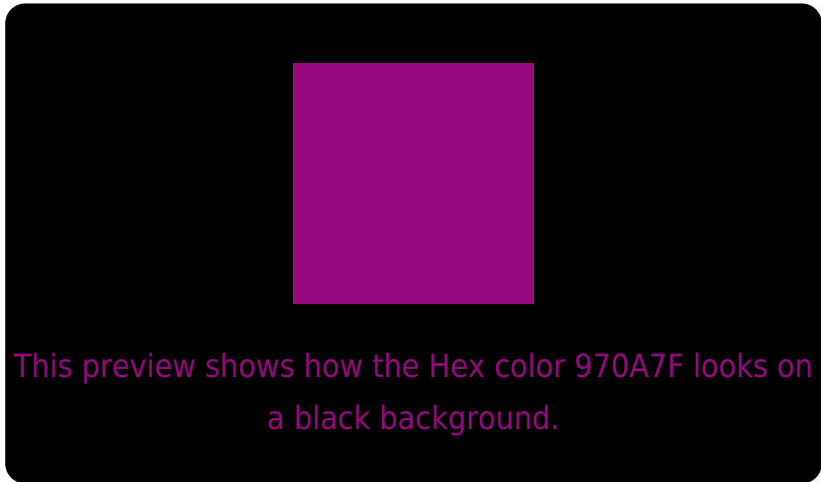
Large Text (above 18pt) WCAG AA ✓ Pass

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

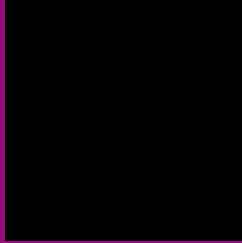
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 970A7F Background



This preview shows how black text looks on a background with the Hex color 970A7F.

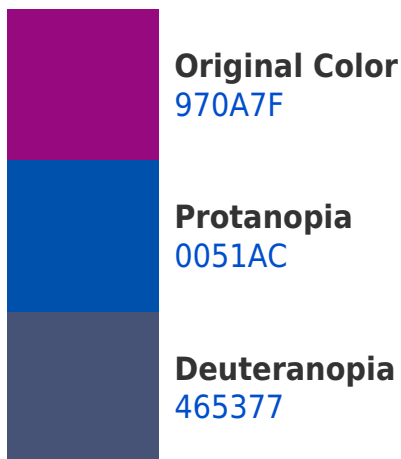



This preview shows how white text looks on a background with the Hex color 970A7F.

# 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





**Tritanopia**  
913335

# Trichromacy



**Original Color**  
970A7F



**Protanomaly**  
37379C



**Deuteranomaly**  
63387A



**Tritanomaly**  
932450

# Monochromacy



**Original Color**  
970A7F



**Achromatopsia**  
414141



**Achromatomaly**  
602D58

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 970A7F 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 #970A7F looks like.

```
.text, #text, p{  
    color:#970A7F  
}
```

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 #970A7F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #970A7F
}
```

## Border

The CSS property to change the border of an element to Hex 970A7F is called "border". The border property can be set on classes, ids or directly on the HTML element.

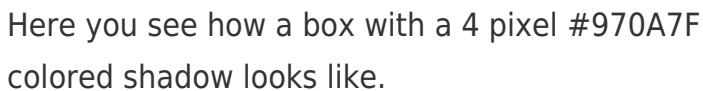
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#970A7F }
```

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

```
.border{ border-color:#970A7F }
```

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



Here you see how a box with a 4 pixel #970A7F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #970A7F; -webkit-box-shadow:4px 4px  
4px 4px #970A7F; box-shadow:4px 4px 4px  
4px #970A7F }
```

# Background

The CSS property to change the background color of an element to Hex 970A7F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#970A7F }
```

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

```
.background{ background-color:#970A7F }
```

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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