

# Converting Colors

Hex(974172)

Have a look what the booklet for  
Hex(974172) contains.

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**Color**

**Hex(974172)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	974172
RGB	151, 65, 114
RGB Percent	59%, 25%, 45%
CMY	0.4078, 0.7451, 0.5529
CMYK	0.00, 0.57, 0.25, 0.41
HSL	326°, 40%, 42%
HSV	326°, 57%, 59%
XYZ	17.6901, 11.5748, 17.2214
YIQ	96.3000, 35.5270, 33.4710

# Conversions

## Conversions Part 2

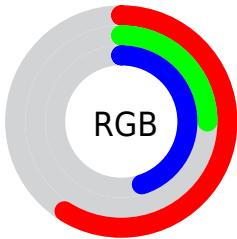
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">151, 65, 114</a>
Decimal	<a href="#">9912690</a>
CIELab	<a href="#">40.53, 41.80, -10.69</a>
CIElCh	<a href="#">41, 43.146, 345.654</a>
Yxy	<a href="#">11.5748, 0.3805, 0.2490</a>
Android (android.graphics.Color)	<a href="#">4288102770 (0xFF974172)</a>
YUV	<a href="#">96.3000, 8.7261, 47.9719</a>
Hunter-Lab	<a href="#">34.0218, 33.2753, -6.1966</a>

# Details

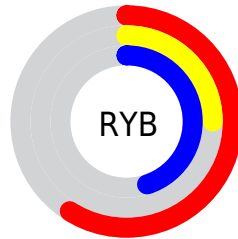
The Hex color **974172** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **419766**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **CF75A6**, and **610842** is the 20% darker color. If you saturate the color by 10%, you get **97326C**, and if you desaturate by 10%, it is **975078**.

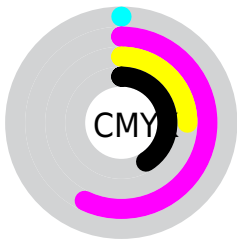
# Distribution



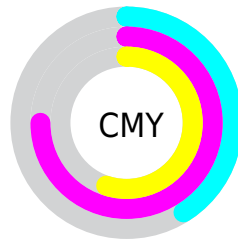
- Red (59%)
- Green (25%)
- Blue (45%)



- Red (59%)
- Yellow (25%)
- Blue (45%)



- Cyan (0%)
- Magenta (57%)
- Yellow (25%)
- Black (41%)



- Cyan (41%)
- Magenta (75%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 974172 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 974172 by changing the saturation by 10% instead.



■ 974172

■ 974172

FFFFFF

■ 7C2759

■ CF75A6

■ 610842

■ ED8FC1

■ 47002C

■ FFABDD

■ 310018

■ FFC7F9

■ 030000

■ FFE3FF

■ 000000

■ 974172

■ 974172

■ 97326C

■ 975078

■ 972365

■ 975F7F

 97145F

 976E85

 970558

 977D8C

 970056

 978D92

 979C99

 97AB9F

 97BAA6

 97C9AC

# Harmonies

## Analogous

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



794E91



974172



A03F4E

# Triad

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



974172



606314



006E91

# Complementary

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



974172



419766

# 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.



007172



974172



386B2B

# Square

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



974172



805816



006F4D



0068A4

# Rectangle

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



974172



9B4538



006F4D



007088



# Sweetspot

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



974172



C4A3B6



654197



63505B



E3E3E3



636363



# Same Dimension

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



974172



C43F8B



974148



4D4549



8C0050



0D0007



# Inverse Universe

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



974172



C43F8B



419790



4D4549



8C0050

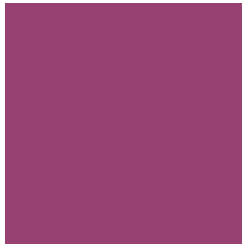


0D0007



# Previews

## White Background



This preview shows how the Hex color 974172 looks on a white background.

## Color Contrast Check

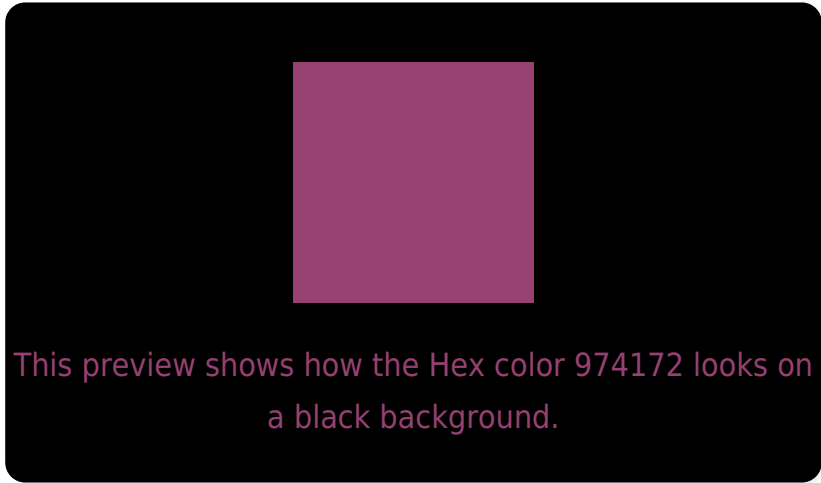
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

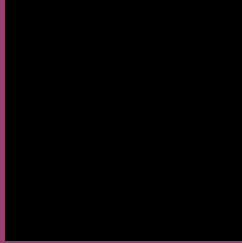
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 974172 Background



This preview shows how black text looks on a background with the Hex color 974172.



This preview shows how white text looks on a background with the Hex color 974172.

# 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**  
94494E

# Trichromacy



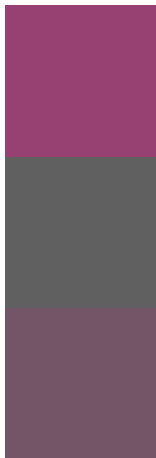
**Original Color**  
974172

**Protanomaly**  
6C547F

**Deuteranomaly**  
76536F

**Tritanomaly**  
95465B

# Monochromacy



**Original Color**  
974172

**Achromatopsia**  
606060

**Achromatomaly**  
745567

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 974172 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 #974172 looks like.

```
.text, #text, p{  
    color:#974172  
}
```

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 #974172 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #974172
}
```

## Border

The CSS property to change the border of an element to Hex 974172 is called "border". The border property can be set on classes, ids or directly on the HTML element.

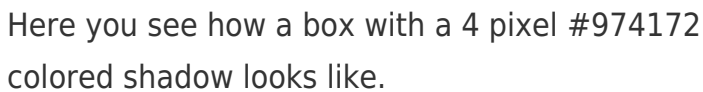
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#974172 }
```

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

```
.border{ border-color:#974172 }
```

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



Here you see how a box with a 4 pixel #974172 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #974172; -webkit-box-shadow:4px 4px  
4px 4px #974172; box-shadow:4px 4px 4px  
4px #974172 }
```

# Background

The CSS property to change the background color of an element to Hex 974172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#974172 }
```

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

```
.background{ background-color:#974172 }
```

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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