

# Converting Colors

Hex(974140)

Have a look what the booklet for  
Hex(974140) contains.

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# Color

**Hex(974140)**

# Conversions

Conversions Part 1	
Format	Color
Hex	974140
RGB	151, 65, 64
RGB Percent	59%, 25%, 25%
CMY	0.4078, 0.7451, 0.7490
CMYK	0.00, 0.57, 0.58, 0.41
HSL	1°, 40%, 42%
HSV	1°, 58%, 59%
XYZ	15.5782, 10.7301, 6.1005
YIQ	90.6000, 51.5770, 17.9210

# Conversions

## Conversions Part 2

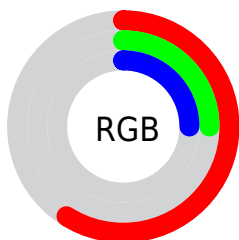
Format	Color
<a href="#">RYB</a>	<a href="#">151, 65, 64</a>
Decimal	<a href="#">9912640</a>
CIELab	<a href="#">39.12, 36.03, 18.51</a>
CIELCh	<a href="#">39, 40.510, 27.186</a>
Yxy	<a href="#">10.7301, 0.4807, 0.3311</a>
Android (android.graphics.Color)	<a href="#">4288102720</a> (0xFF974140)
YUV	<a href="#">90.6000, -13.1138, 52.9708</a>
Hunter-Lab	<a href="#">32.7568, 27.5652, 11.8877</a>

# Details

The Hex color **974140** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **409697**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **D17470**, and **5F0D16** is the 20% darker color. If you saturate the color by 10%, you get **973231**, and if you desaturate by 10%, it is **97504F**.

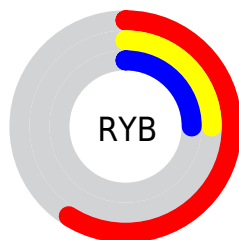
# Distribution



Red (59%)

Green (25%)

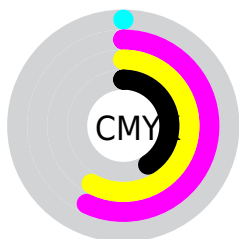
Blue (25%)



Red (59%)

Yellow (25%)

Blue (25%)

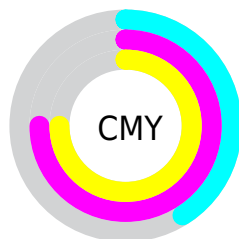


Cyan (0%)

Magenta (57%)

Yellow (58%)

Black (41%)



Cyan (41%)

Magenta (75%)

Yellow (75%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 974140 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 974140 by changing the saturation by 10% instead.



 974140

FFFFFF

 D17470

 EF8E89

 FFA9A3

 FFC5BE

 FFE1DA

 FFFEF7

 974140

 7B282A

 5F0D16

 440000

 2C0001

 000000

 974140

 973231

 974140

 97504F

 972322

 975F5E

 971413

 976E6D

 970504

 977D7C

 970200

 978C8B

 979B9B

 97A9AA

 97B8B9

 97C7C8

# Harmonies

## Analogous

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



963E61



974140



894D25

# Triad

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



974140



226937



00619E

# Complementary

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



974140



409697

# 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.



006893



974140



006C58

# Square

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



974140



50631D



006C79



575597

# Rectangle

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



974140



795518



006C79



00649C



# Sweetspot

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



974140



C4A3A3



974097



635050



E3E3E3



636363



# Same Dimension

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



974140



C43E3D



976C40



4D4545



8C0200



0D0000



# Inverse Universe

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



409697



3DC3C4



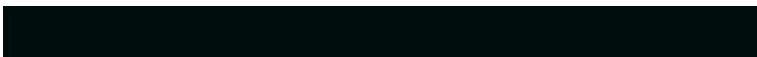
406C97



454C4D



008B8C



000D0D



# Previews

## White Background



This preview shows how the Hex color 974140 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



This preview shows how the Hex color 974140 looks on a 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 974140 Background



This preview shows how black text looks on a background with the Hex color 974140.



This preview shows how white text looks on a background with the Hex color 974140.

# 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**

974140

**Protanopia**

625D4C


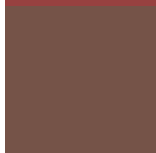


**Deuteranopia**

70593C


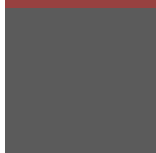



**Tritanopia**  
974045

# Trichromacy

	<b>Original Color</b> 974140
	<b>Protanomaly</b> 755348
	<b>Deuteranomaly</b> 7E503D
	<b>Tritanomaly</b> 974043

# Monochromacy

	<b>Original Color</b> 974140
	<b>Achromatopsia</b> 5B5B5B
	<b>Achromatomaly</b> 715251

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 974140 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 #974140 looks like.

```
.text, #text, p{  
    color:#974140  
}
```

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 #974140 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #974140
}
```

## Border

The CSS property to change the border of an element to Hex 974140 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
#974140 }
```

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

```
.border{ border-color:#974140 }
```

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

Here you see how a box with a 4 pixel #974140 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #974140; -webkit-box-shadow:4px 4px  
4px 4px #974140; box-shadow:4px 4px 4px  
4px #974140 }
```

# Background

The CSS property to change the background color of an element to Hex 974140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#974140 }
```

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

```
.background{ background-color:#974140 }
```

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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