

Converting Colors

Hex(974C45)

Have a look what the booklet for
Hex(974C45) contains.

| | |
|--|----|
| Hex(974C45) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Hex(974C45)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 974C45 |
| RGB | 151, 76, 69 |
| RGB Percent | 59%, 30%, 27% |
| CMY | 0.4078, 0.7020, 0.7294 |
| CMYK | 0.00, 0.50, 0.54, 0.41 |
| HSL | 5°, 37%, 43% |
| HSV | 5°, 54%, 59% |
| XYZ | 16.4211, 12.1779, 7.1153 |
| YIQ | 97.6270, 46.9470, 13.7230 |

Conversions

Conversions Part 2

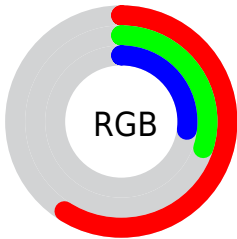
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 151, 77, 69 |
| Decimal | 9915461 |
| CIE Lab | 41.50, 30.64, 18.58 |
| CIE LCh | 41, 35.835, 31.223 |
| Yxy | 12.1779, 0.4598, 0.3410 |
| Android (android.graphics.Color) | 4288105541 (0xFF974C45) |
| YUV | 97.6270, -14.1131, 46.8081 |
| Hunter-Lab | 34.8968, 22.9260, 12.3388 |

Details

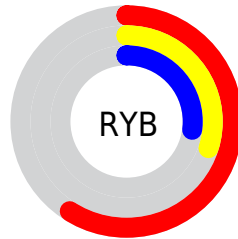
The Hex color **974C45** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **459097**, and the grayscale version is **626262**.

A 20% lighter version of the original color is **D07F75**, and **601C1A** is the 20% darker color. If you saturate the color by 10%, you get **973E36**, and if you desaturate by 10%, it is **975A54**.

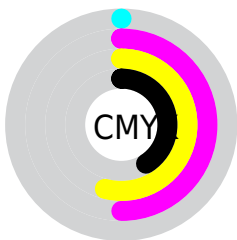
Distribution



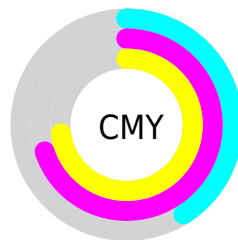
- Red (59%)
- Green (30%)
- Blue (27%)



- Red (59%)
- Yellow (30%)
- Blue (27%)



- Cyan (0%)
- Magenta (50%)
- Yellow (54%)
- Black (41%)



- Cyan (41%)
- Magenta (70%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 974C45 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 974C45 by changing the saturation by 10% instead.

 974C45

 974C45

FFFFFF

 7B342F

 D07F75

 601C1A

 EE998F

 460200

 FFB4A9

 2E0001

 FFD0C5

 000000

 FFEDE1

FFFFFFD

 974C45

 974C45

 973E36

 975A54

 973027

 976863

 972318

 977572

 971509

 978381

 970D00

 979191

 979FA0

 97ADAF

 97BABE

 97C8CD

Harmonies

Analogous

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



974862



974C45



89562E

Triad

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



974C45



2C6E44



2B659D

Complementary

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



974C45



459097

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.



006C95



974C45



007162

Square

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



974C45



54692D



007080



655A94

Rectangle

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



974C45



7A5D26



007080



00689C

Sweetspot

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



974C45



C4A8A5



974590



635251



E3E3E3



636363

Same Dimension

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



974C45



C45045



977545



4D4645



8C0C00



0D0100

Inverse Universe

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



459097



45B9C4



456797



454C4D



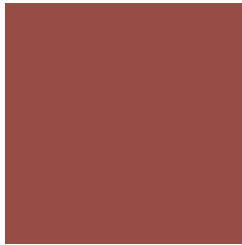
00808C



000C0D

Previews

White Background



This preview shows how the Hex color 974C45 looks on a white background.

Color Contrast Check

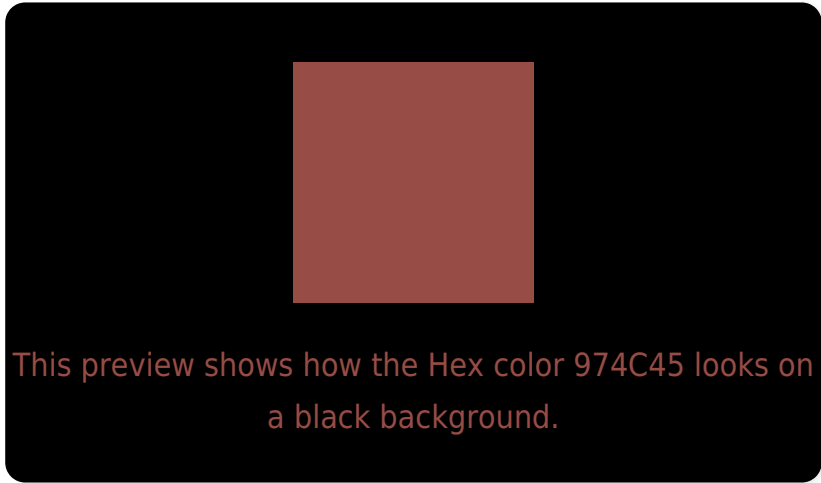
Large Text (above 18pt) WCAG AA ✓ Pass

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 974C45 Background



This preview shows how black text looks on a background with the Hex color 974C45.



This preview shows how white text looks on a background with the Hex color 974C45.

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
974C45

Protanopia
69624F

Deuteranopia
765E42



Tritanopia
984A50

Trichromacy



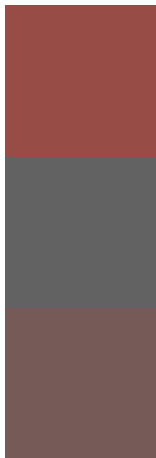
Original Color
974C45

Protanomaly
7A5A4B

Deuteranomaly
825743

Tritanomaly
984B4C

Monochromacy



Original Color
974C45

Achromatopsia
626262

Achromatomaly
755A57

CSS Examples

Text

The CSS property to change the color of the text to Hex 974C45 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 #974C45 looks like.

```
.text, #text, p{  
    color:#974C45  
}
```

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 #974C45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #974C45
}
```

Border

The CSS property to change the border of an element to Hex 974C45 is called "border". The border property can be set on classes, ids or directly on the HTML element.

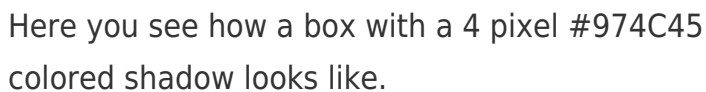
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#974C45 }
```

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

```
.border{ border-color:#974C45 }
```

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



Here you see how a box with a 4 pixel #974C45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #974C45; -webkit-box-shadow:4px 4px  
4px 4px #974C45; box-shadow:4px 4px 4px  
4px #974C45 }
```

Background

The CSS property to change the background color of an element to Hex 974C45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#974C45 }
```

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

```
.background{ background-color:#974C45 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor