

# Converting Colors

Hex(975642)

Have a look what the booklet for  
Hex(975642) contains.

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# Color

Hex(975642)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	975642
RGB	151, 86, 66
RGB Percent	59%, 34%, 26%
CMY	0.4078, 0.6627, 0.7412
CMYK	0.00, 0.43, 0.56, 0.41
HSL	14°, 39%, 43%
HSV	14°, 56%, 59%
XYZ	17.0737, 13.6282, 6.8849
YIQ	103.1550, 45.1600, 7.5600

# Conversions

## Conversions Part 2

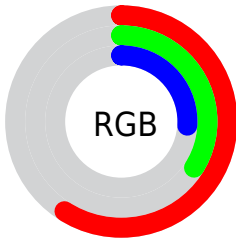
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	151, 92, 66
Decimal	9918018
CIE <sub>Lab</sub>	43.69, 24.81, 23.24
CIE <sub>LCh</sub>	44, 34.000, 43.129
Yxy	13.6282, 0.4542, 0.3626
Android (android.graphics.Color)	4288108098 (0xFF975642)
YUV	103.1550, -18.3174, 41.9601
Hunter-Lab	36.9164, 17.9515, 14.7840

# Details

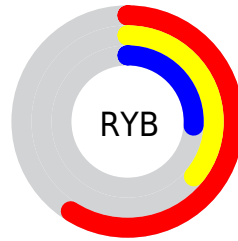
The Hex color **975642** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **428397**, and the grayscale version is **676767**.

A 20% lighter version of the original color is **D08972**, and **602716** is the 20% darker color. If you saturate the color by 10%, you get **974A33**, and if you desaturate by 10%, it is **976251**.

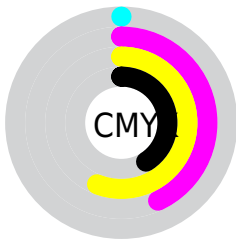
# Distribution



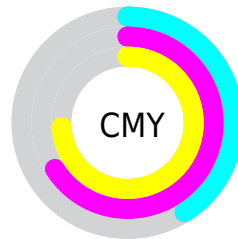
- Red (59%)
- Green (34%)
- Blue (26%)



- Red (59%)
- Yellow (36%)
- Blue (26%)



- Cyan (0%)
- Magenta (43%)
- Yellow (56%)
- Black (41%)



- Cyan (41%)
- Magenta (66%)
- Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 975642 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 975642 by changing the saturation by 10% instead.



 975642

 975642

FFFFFF

 7B3E2C

 D08972

 602716

 EEA38C

 461000

 FFBEA6

 2D0000

 FFDAC2

 000000

 FFF7DD

 FFFFFA

 975642

 975642

 974A33

 976251

■ 973F24

■ 976D60

■ 973315

■ 97796F

■ 972806

■ 97847E

■ 972400

■ 97908E

■ 979B9D

■ 97A7AC

■ 97B2BB

■ 97BECA

# Harmonies

## Analogous

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



9D505C



975642



866031

# Triad

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



975642



227556



4F669E

# Complementary

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



975642



428397

# 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.



006F9D



975642



007673

# Square

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



975642



4D713D



00748D



7A5B91

# Rectangle

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



975642



75672D



00748D



3C699F



# Sweetspot

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



975642



C4ABA3



974283



635450



E3E3E3



636363



# Same Dimension

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



975642



C45E3F



978042



4D4745



8C2100



0D0300



# Inverse Universe

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



428397



3FA5C4



425997



454B4D



006B8C



000A0D



# Previews

## White Background



This preview shows how the Hex color 975642 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

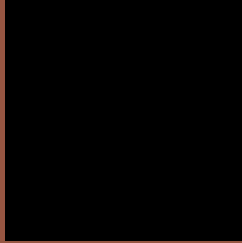
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 975642 Background



This preview shows how black text looks on a background with the Hex color 975642.



This preview shows how white text looks on a background with the Hex color 975642.

# 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**  
975642

**Protanopia**  
706849

**Deuteranopia**  
7E633F



**Tritanopia**  
995359

# Trichromacy



**Original Color**  
975642

**Protanomaly**  
7E6146

**Deuteranomaly**  
875E40

**Tritanomaly**  
985451

# Monochromacy



**Original Color**  
975642

**Achromatopsia**  
676767

**Achromatomaly**  
78615A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 975642 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 #975642 looks like.

```
.text, #text, p{  
    color:#975642  
}
```

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 #975642 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #975642
}
```

## Border

The CSS property to change the border of an element to Hex 975642 is called "border". The border property can be set on classes, ids or directly on the HTML element.

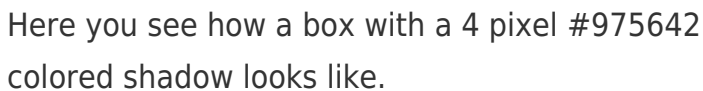
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#975642 }
```

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

```
.border{ border-color:#975642 }
```

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



Here you see how a box with a 4 pixel #975642 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #975642; -webkit-box-shadow:4px 4px  
4px 4px #975642; box-shadow:4px 4px 4px  
4px #975642 }
```

# Background

The CSS property to change the background color of an element to Hex 975642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#975642 }
```

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

```
.background{ background-color:#975642 }
```

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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