

Converting Colors

Hex(937A62)

Have a look what the booklet for
Hex(937A62) contains.

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Color

Hex(937A62)

Conversions

Conversions Part 1

Format	Color
Hex	937A62
RGB	147, 122, 98
RGB Percent	58%, 48%, 38%
CMY	0.4235, 0.5216, 0.6157
CMYK	0.00, 0.17, 0.33, 0.42
HSL	29°, 20%, 48%
HSV	29°, 33%, 58%
XYZ	21.1968, 21.0040, 14.4923
YIQ	126.7390, 22.6040, -2.1640

Conversions

Conversions Part 2

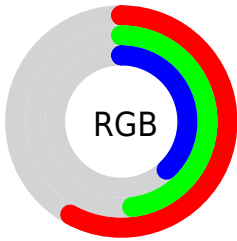
Format	Color
RYB	147, 145, 98
Decimal	9665122
CIELab	52.95, 6.00, 16.77
CIElCh	53, 17.811, 70.322
Yxy	21.0040, 0.3739, 0.3705
Android (android.graphics.Color)	4287855202 (0xFF937A62)
YUV	126.7390, -14.1683, 17.7689
Hunter-Lab	45.8301, 2.3550, 13.3325

Details

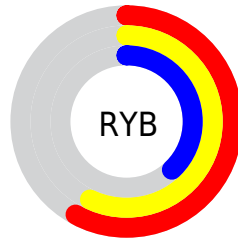
The Hex color **937A62** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **627B93**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **CAAE95**, and **5F4933** is the 20% darker color. If you saturate the color by 10%, you get **937353**, and if you desaturate by 10%, it is **938271**.

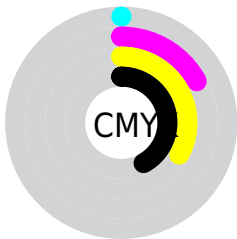
Distribution



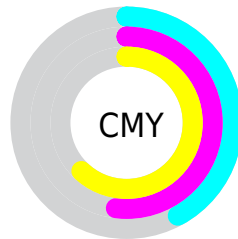
- Red (58%)
- Green (48%)
- Blue (38%)



- Red (58%)
- Yellow (57%)
- Blue (38%)



- Cyan (0%)
- Magenta (17%)
- Yellow (33%)
- Black (42%)



- Cyan (42%)
- Magenta (52%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 937A62 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 937A62 by changing the saturation by 10% instead.



937A62



937A62

FFFFFF



79614A



CAAE95



5F4933



E6CAAF



47331E



FFE6CB



301E06



FFFFE7



190600



000000



937A62



937A62



937353



938271



936B45



93897F

 936436

 93918E

 935C27

 93989D

 935519

 939FAB

 934D0A

 93A7BA

 934800

 93AFC9

 93B6D8

 93BDE6

Harmonies

Analogous

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



9C766B



937A62



857F60

Triad

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



937A62



568783



887996

Complementary

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



937A62



627B93

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.



737E9C



937A62



548692

Square

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



937A62



628674



60839B



977589

Rectangle

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



937A62



798264



60839B



817A99

Sweetspot

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



937A62



BFB5AC



93627B



615B55



E0E0E0



616161

Same Dimension

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



937A62



BF9873



939262



4A4643



8A4300



0A0500

Inverse Universe

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



627B93



739ABF



626393



43464A



00468A



00050A

Previews

White Background



This preview shows how the Hex color 937A62 looks on a white background.

Color Contrast Check

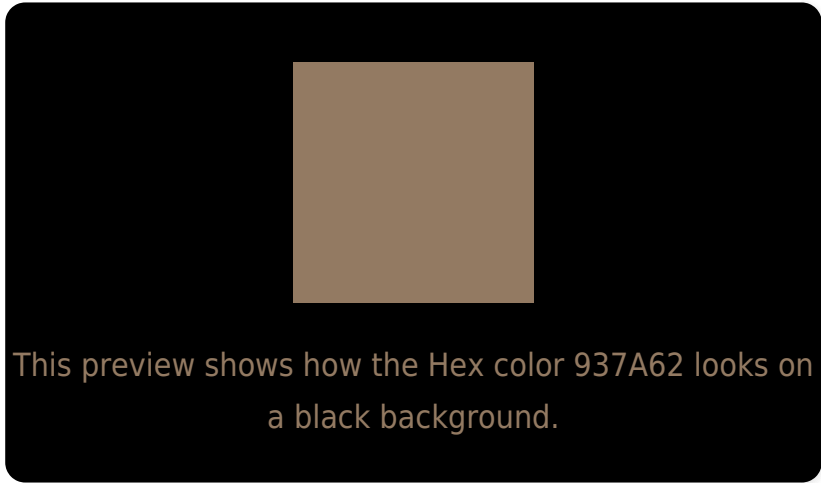
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black 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

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

Hex 937A62 Background



This preview shows how black text looks on a background with the Hex color 937A62.



This preview shows how white text looks on a background with the Hex color 937A62.

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
937A62

Protanopia
877E64

Deuteranopia
947962



Tritanopia
96767F

Trichromacy



Original Color
937A62

Protanomaly
8B7D63

Deuteranomaly
947962

Tritanomaly
957774

Monochromacy



Original Color
937A62

Achromatopsia
7F7F7F

Achromatomaly
867D74

CSS Examples

Text

The CSS property to change the color of the text to Hex 937A62 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 #937A62 looks like.

```
.text, #text, p{  
    color:#937A62  
}
```

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 #937A62 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #937A62
}
```

Border

The CSS property to change the border of an element to Hex 937A62 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
#937A62 }
```

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

```
.border{ border-color:#937A62 }
```

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

Here you see how a box with a 4 pixel #937A62 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #937A62; -webkit-box-shadow:4px 4px  
4px 4px #937A62; box-shadow:4px 4px 4px  
4px #937A62 }
```

Background

The CSS property to change the background color of an element to Hex 937A62 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#937A62 }
```

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

```
.background{ background-color:#937A62 }
```

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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