

Converting Colors

Hex(937B61)

Have a look what the booklet for
Hex(937B61) contains.

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Color

Hex(937B61)

Conversions

Conversions Part 1

Format	Color
Hex	937B61
RGB	147, 123, 97
RGB Percent	58%, 48%, 38%
CMY	0.4235, 0.5176, 0.6196
CMYK	0.00, 0.16, 0.34, 0.42
HSL	31°, 20%, 48%
HSV	31°, 34%, 58%
XYZ	21.2732, 21.2320, 14.2862
YIQ	127.2120, 22.6500, -2.9980

Conversions

Conversions Part 2

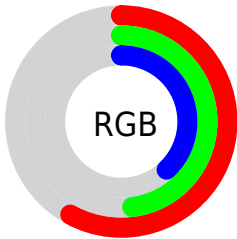
Format	Color
RYB	143, 147, 97
Decimal	9665377
CIELab	53.20, 5.29, 17.69
CIElCh	53, 18.460, 73.348
Yxy	21.2320, 0.3746, 0.3739
Android (android.graphics.Color)	4287855457 (0xFF937B61)
YUV	127.2120, -14.8945, 17.3541
Hunter-Lab	46.0782, 1.7724, 13.8723

Details

The Hex color **937B61** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **617993**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **CAAF94**, and **5F4A32** is the 20% darker color. If you saturate the color by 10%, you get **937452**, and if you desaturate by 10%, it is **938270**.

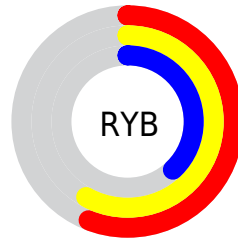
Distribution



Red (58%)

Green (48%)

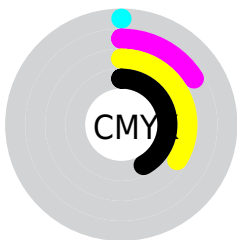
Blue (38%)



Red (56%)

Yellow (58%)

Blue (38%)

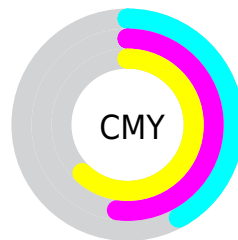


Cyan (0%)

Magenta (16%)

Yellow (34%)

Black (42%)



Cyan (42%)

Magenta (52%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 937B61 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 937B61 by changing the saturation by 10% instead.

 937B61

 937B61

FFFFFF

 796249

 CAAF94

 5F4A32

 E6CBAE

 47341D

 FFE7CA

 301F05

 FFFFE6

 190700

 000000

 937B61

 937B61

 937452

 938270

 936D44

 93897E

■ 936635

■ 93908D

■ 935F26

■ 93979C

■ 935818

■ 939EAB

■ 935109

■ 93A5B9

■ 934C00

■ 93ACC8

■ 93B3D7

■ 93BBE5

Harmonies

Analogous

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



9D766A



937B61



848060

Triad

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



937B61



548886



8A7996

Complementary

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



937B61



617993

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.



767E9E



937B61



538794

Square

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



937B61



608775



61839D



997589

Rectangle

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



937B61



788364



61839D



847A9A

Sweetspot

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



937B61



BFB6AC



936179



615B55



E0E0E0



616161

Same Dimension

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



937B61



BF9A71



929361



4A4643



8A4800



0A0500

Inverse Universe

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



617993



7196BF



626193



43464A



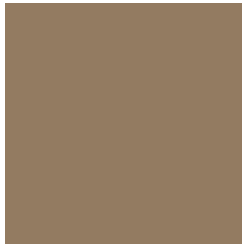
00428A



00050A

Previews

White Background



This preview shows how the Hex color 937B61 looks on a white background.

Color Contrast Check

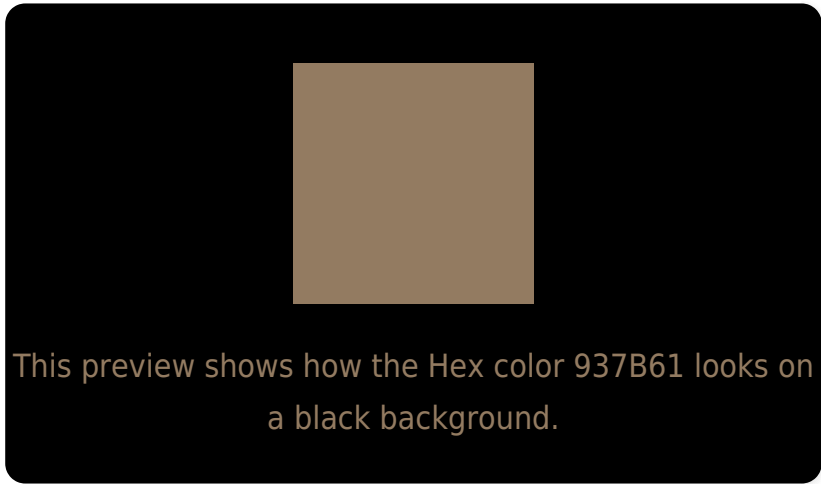
Large Text (above 18pt) WCAG AA ✓ Pass

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

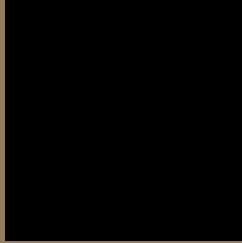
Any Text WCAG AA ✓ Pass

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 937B61 Background



This preview shows how black text looks on a background with the Hex color 937B61.



This preview shows how white text looks on a background with the Hex color 937B61.

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
937B61

Protanopia
887F63

Deuteranopia
957A61



Tritanopia
967780

Trichromacy



Original Color
937B61

Protanomaly
8C7E62

Deuteranomaly
947A61

Tritanomaly
957875

Monochromacy



Original Color
937B61

Achromatopsia
7F7F7F

Achromatomaly
867E74

CSS Examples

Text

The CSS property to change the color of the text to Hex 937B61 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 #937B61 looks like.

```
.text, #text, p{  
    color:#937B61  
}
```

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 #937B61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #937B61
}
```

Border

The CSS property to change the border of an element to Hex 937B61 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
#937B61 }
```

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

```
.border{ border-color:#937B61 }
```

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

Here you see how a box with a 4 pixel #937B61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #937B61; -webkit-box-shadow:4px 4px  
4px 4px #937B61; box-shadow:4px 4px 4px  
4px #937B61 }
```

Background

The CSS property to change the background color of an element to Hex 937B61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#937B61 }
```

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

```
.background{ background-color:#937B61 }
```

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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