

Converting Colors

Hex(937D54)

Have a look what the booklet for
Hex(937D54) contains.

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Color

Hex(937D54)

Conversions

Conversions Part 1

Format	Color
Hex	937D54
RGB	147, 125, 84
RGB Percent	58%, 49%, 33%
CMY	0.4235, 0.5098, 0.6706
CMYK	0.00, 0.15, 0.43, 0.42
HSL	39°, 27%, 45%
HSV	39°, 43%, 58%
XYZ	20.9665, 21.5104, 11.4344
YIQ	126.9040, 26.2730, -8.0870

Conversions

Conversions Part 2

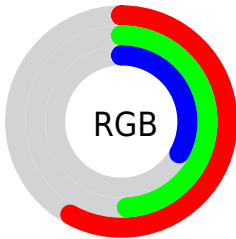
Format	Color
R_{YB}	118, 147, 84
Decimal	9665876
CIE _{Lab}	53.50, 2.53, 25.48
CIE _{LCh}	54, 25.600, 84.338
Yxy	21.5104, 0.3889, 0.3990
Android (android.graphics.Color)	4287855956 (0xFF937D54)
YUV	126.9040, -21.1517, 17.6242
Hunter-Lab	46.3793, -0.4700, 17.8481

Details

The Hex color **937D54** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **546A93**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **CAB186**, and **5F4C26** is the 20% darker color. If you saturate the color by 10%, you get **937845**, and if you desaturate by 10%, it is **938263**.

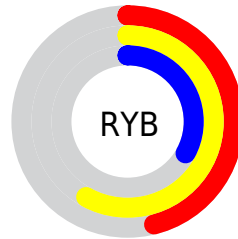
Distribution



Red (58%)

Green (49%)

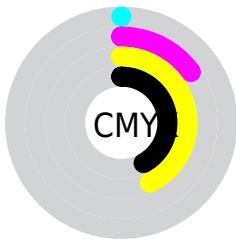
Blue (33%)



Red (46%)

Yellow (58%)

Blue (33%)

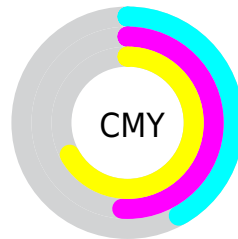


Cyan (0%)

Magenta (15%)

Yellow (43%)

Black (42%)



Cyan (42%)

Magenta (51%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 937D54 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 937D54 by changing the saturation by 10% instead.



937D54



937D54

FFFFFF



79643C



CAB186



5F4C26



E7CDA0



463610



FFE9BC



2F2000



FFFFD7



160A00



FFFFF4



000000



937D54



937D54



937845



938263



937337



938771

 936E28

 938C80

 936819

 93928F

 93630A

 93979D

 936000

 939CAC

 93A1BB

 93A6CA

 93ABD8

Harmonies

Analogous

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



A4765D



937D54



7D8457

Triad

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



937D54



378C91



98749A

Complementary

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



937D54



546A93

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.



7D7CA8



937D54



3F89A3

Square

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



937D54



498C7B



5C83AB



A87085

Rectangle

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



937D54



6C8860



5C83AB



90769F

Sweetspot

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



937D54



BFB7A6



93546A



615B51



E0E0E0



616161

Same Dimension

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



937D54



BF9D5E



8A9354



4A4743



8A5A00



0A0700

Inverse Universe

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



546A93



5E80BF



5D5493



43454A



00308A



00040A

Previews

White Background



This preview shows how the Hex color 937D54 looks on a white background.

Color Contrast Check

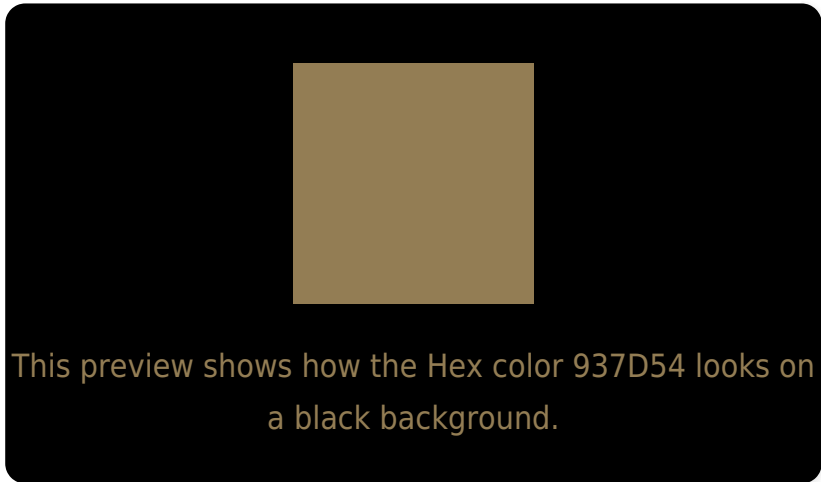
Large Text (above 18pt) WCAG AA ✓ Pass

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

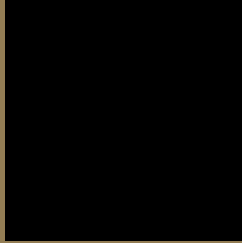
Any Text WCAG AA ✓ Pass

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 937D54 Background



This preview shows how black text looks on a background with the Hex color 937D54.



This preview shows how white text looks on a background with the Hex color 937D54.

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
937D54

Protanopia
8B8055

Deuteranopia
9A7A55



Tritanopia
977781

Trichromacy



Original Color
937D54

Protanomaly
8E7F55

Deuteranomaly
977B55

Tritanomaly
967971

Monochromacy



Original Color
937D54

Achromatopsia
7F7F7F

Achromatomaly
867E6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 937D54 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 #937D54 looks like.

```
.text, #text, p{  
    color:#937D54  
}
```

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 #937D54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #937D54
}
```

Border

The CSS property to change the border of an element to Hex 937D54 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
#937D54 }
```

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

```
.border{ border-color:#937D54 }
```

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

Here you see how a box with a 4 pixel #937D54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #937D54; -webkit-box-shadow:4px 4px  
4px 4px #937D54; box-shadow:4px 4px 4px  
4px #937D54 }
```

Background

The CSS property to change the background color of an element to Hex 937D54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#937D54 }
```

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

```
.background{ background-color:#937D54 }
```

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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