

Converting Colors

Hex(937F5E)

Have a look what the booklet for
Hex(937F5E) contains.

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Color

Hex(937F5E)

Conversions

Conversions Part 1

Format	Color
Hex	937F5E
RGB	147, 127, 94
RGB Percent	58%, 50%, 37%
CMY	0.4235, 0.5020, 0.6314
CMYK	0.00, 0.14, 0.36, 0.42
HSL	37°, 22%, 47%
HSV	37°, 36%, 58%
XYZ	21.6424, 22.1899, 13.7321
YIQ	129.2180, 22.5130, -6.0230

Conversions

Conversions Part 2

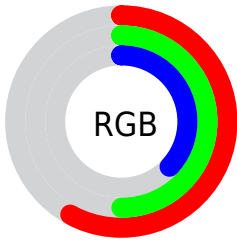
Format	Color
R_{YB}	126, 147, 94
Decimal	9666398
CIE _{Lab}	54.23, 2.62, 20.79
CIE _{LCh}	54, 20.949, 82.827
Yxy	22.1899, 0.3760, 0.3855
Android (android.graphics.Color)	4287856478 (0xFF937F5E)
YUV	129.2180, -17.3625, 15.5948
Hunter-Lab	47.1062, -0.4262, 15.6905

Details

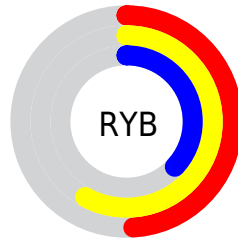
The Hex color **937F5E** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **5E7293**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **CAB491**, and **5F4E2F** is the 20% darker color. If you saturate the color by 10%, you get **93794F**, and if you desaturate by 10%, it is **93856D**.

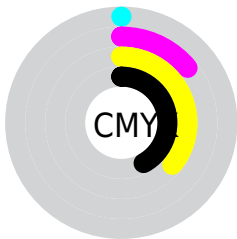
Distribution



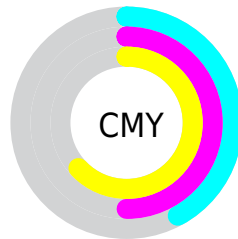
- Red (58%)
- Green (50%)
- Blue (37%)



- Red (49%)
- Yellow (58%)
- Blue (37%)



- Cyan (0%)
- Magenta (14%)
- Yellow (36%)
- Black (42%)



- Cyan (42%)
- Magenta (50%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 937F5E 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 937F5E by changing the saturation by 10% instead.

 937F5E

 937F5E

FFFFFF

 796646

 CAB491

 5F4E2F

 E6CFAB

 47371A

 FFEBC7

 302201

 FFFFEE3

 180D00

 000000

 937F5E

 937F5E

 93794F

 93856D

 937441

 938A7B

■ 936E32

■ 93908A

■ 936923

■ 939599

■ 936315

■ 939BA8

■ 935E06

■ 93A0B6

■ 935C00

■ 93A6C5

■ 93ABD4

■ 93B1E2

Harmonies

Analogous

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



A17966



937F5E



808560

Triad

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



937F5E



4D8C8F



957998

Complementary

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



937F5E



5E7293

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.



7F7FA3



937F5E



51899E

Square

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



937F5E



588C7D



6585A5



A37587

Rectangle

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



937F5E



738867



6585A5



8E7A9C

Sweetspot

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



937F5E



BFB7AA



935E72



615C54



E0E0E0



616161

Same Dimension

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



937F5E



BFA06D



8D935E



4A4743



8A5600



0A0600

Inverse Universe

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



5E7293



6D8CBF



645E93



43454A



00348A



00040A

Previews

White Background



This preview shows how the Hex color 937F5E looks on a white background.

Color Contrast Check

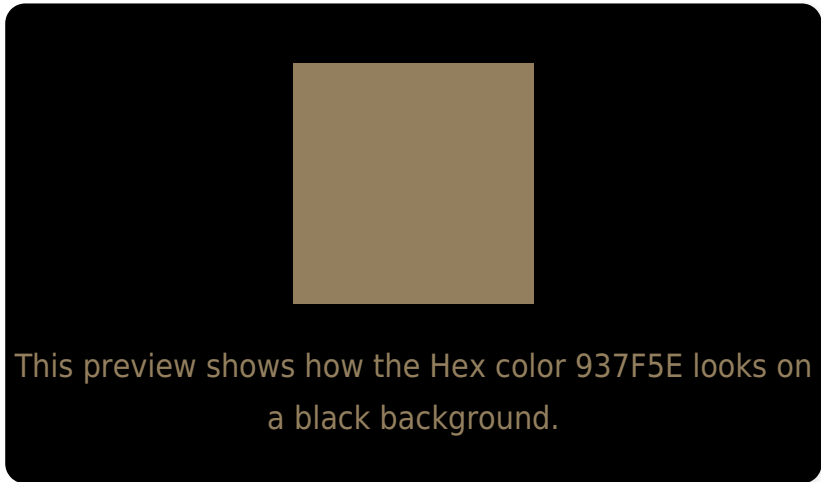
Large Text (above 18pt) WCAG AA ✓ Pass

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

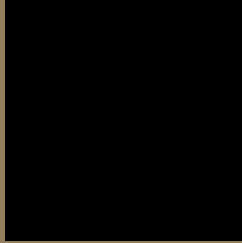
Any Text WCAG AA ✓ Pass

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 937F5E Background



This preview shows how black text looks on a background with the Hex color 937F5E.



This preview shows how white text looks on a background with the Hex color 937F5E.

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
937F5E

Protanopia
8B825F

Deuteranopia
9A7C5F



Tritanopia
977A84

Trichromacy



Original Color
937F5E

Protanomaly
8E815F

Deuteranomaly
977D5F

Tritanomaly
967C76

Monochromacy



Original Color
937F5E

Achromatopsia
818181

Achromatomaly
888074

CSS Examples

Text

The CSS property to change the color of the text to Hex 937F5E 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 #937F5E looks like.

```
.text, #text, p{  
    color:#937F5E  
}
```

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 #937F5E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #937F5E
}
```

Border

The CSS property to change the border of an element to Hex 937F5E 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
#937F5E }
```

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

```
.border{ border-color:#937F5E }
```

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

Here you see how a box with a 4 pixel #937F5E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #937F5E; -webkit-box-shadow:4px 4px  
4px 4px #937F5E; box-shadow:4px 4px 4px  
4px #937F5E }
```

Background

The CSS property to change the background color of an element to Hex 937F5E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#937F5E }
```

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

```
.background{ background-color:#937F5E }
```

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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