

# Converting Colors

Hex(937B56)

Have a look what the booklet for  
Hex(937B56) contains.

<b>Hex(937B56)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(937B56)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	937B56
RGB	147, 123, 86
RGB Percent	58%, 48%, 34%
CMY	0.4235, 0.5176, 0.6627
CMYK	0.00, 0.16, 0.41, 0.42
HSL	36°, 26%, 46%
HSV	36°, 41%, 58%
XYZ	20.7953, 21.0408, 11.7694
YIQ	125.9580, 26.1810, -6.4190

# Conversions

## Conversions Part 2

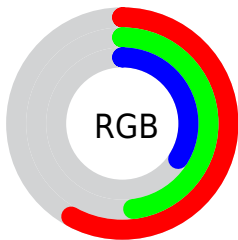
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	126, 147, 86
Decimal	9665366
CIE <sub>Lab</sub>	52.99, 3.90, 23.68
CIE <sub>LCh</sub>	53, 24.003, 80.656
Yxy	21.0408, 0.3879, 0.3925
Android (android.graphics.Color)	4287855446 (0xFF937B56)
YUV	125.9580, -19.6993, 18.4538
Hunter-Lab	45.8703, 0.6499, 16.8966

# Details

The Hex color **937B56** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **566E93**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **CAAF88**, and **5F4A28** is the 20% darker color. If you saturate the color by 10%, you get **937547**, and if you desaturate by 10%, it is **938165**.

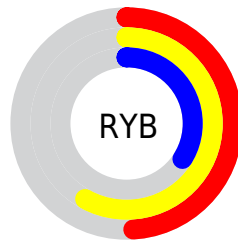
# Distribution



Red (58%)

Green (48%)

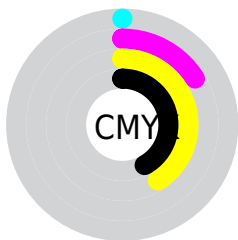
Blue (34%)



Red (49%)

Yellow (58%)

Blue (34%)

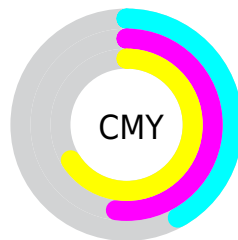


Cyan (0%)

Magenta (16%)

Yellow (41%)

Black (42%)



Cyan (42%)

Magenta (52%)

Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 937B56 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 937B56 by changing the saturation by 10% instead.



 937B56

 937B56

FFFFFF

 79623E

 CAAF88

 5F4A28

 E7CBA3

 463413

 FFE7BE

 2F1F00

 FFFFDA

 160700

 FFFFF6

 000000

 937B56

 937B56

 937547

 938165

 936F39

 938773

 936A2A

 938C82

 93641B

 939291

 935E0C

 93989F

 935900

 939EAE

 93A3BD

 93A9CC

 93AFDA

# Harmonies

## Analogous

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



A2745F



937B56



7E8258

# Triad

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



937B56



3E8A8C



937499

# Complementary

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



937B56



566E93

# 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.



797CA5



937B56



42879E

# Square

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



937B56



4F8A77



5A82A7



A37086

# Rectangle

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



937B56



6F855F



5A82A7



8B779E



# Sweetspot

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



937B56



BFB6A8



93566E



615C53



E0E0E0



616161



# Same Dimension

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



937B56



BF9A60



8D9356



4A4743



8A5400



0A0600



# Inverse Universe

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



566E93



6085BF



5C5693



43454A



00368A

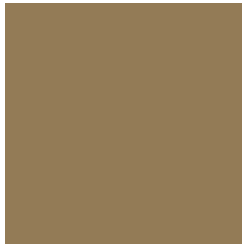


00040A



# Previews

## White Background



This preview shows how the Hex color 937B56 looks on a white background.

## Color Contrast Check

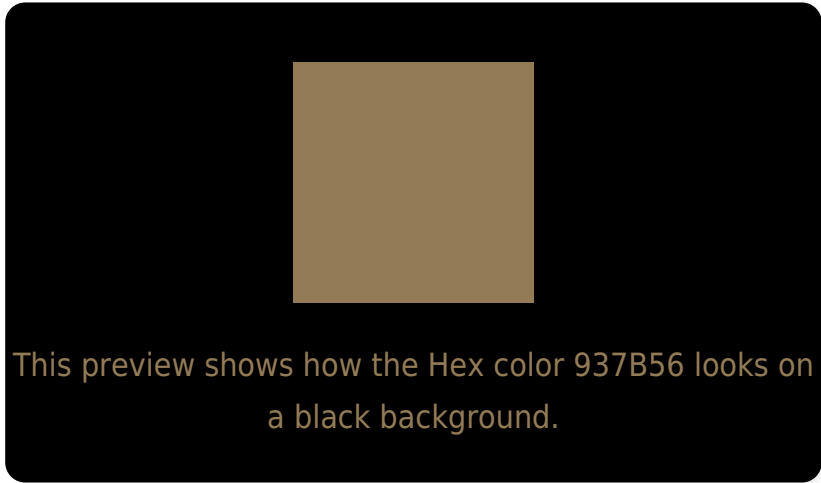
Large Text (above 18pt) WCAG AA ✓ Pass

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

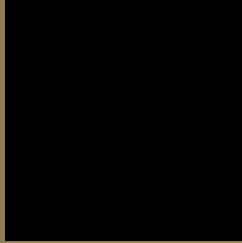
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 937B56 Background



This preview shows how black text looks on a background with the Hex color 937B56.



This preview shows how white text looks on a background with the Hex color 937B56.

# 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**  
937B56

**Protanopia**  
897F57

**Deuteranopia**  
977956



**Tritanopia**  
97767F

# Trichromacy



**Original Color**  
937B56

**Protanomaly**  
8D7E57

**Deuteranomaly**  
967A56

**Tritanomaly**  
967870

# Monochromacy



**Original Color**  
937B56

**Achromatopsia**  
7E7E7E

**Achromatomaly**  
867D6F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 937B56 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 #937B56 looks like.

```
.text, #text, p{  
    color:#937B56  
}
```

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 #937B56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #937B56
}
```

## Border

The CSS property to change the border of an element to Hex 937B56 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
#937B56 }
```

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

```
.border{ border-color:#937B56 }
```

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

Here you see how a box with a 4 pixel #937B56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #937B56; -webkit-box-shadow:4px 4px  
4px 4px #937B56; box-shadow:4px 4px 4px  
4px #937B56 }
```

# Background

The CSS property to change the background color of an element to Hex 937B56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#937B56 }
```

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

```
.background{ background-color:#937B56 }
```

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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