

# Converting Colors

Hex(937350)

Have a look what the booklet for  
Hex(937350) contains.

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**Color**

**Hex(937350)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	937350
RGB	147, 115, 80
RGB Percent	58%, 45%, 31%
CMY	0.4235, 0.5490, 0.6863
CMYK	0.00, 0.22, 0.46, 0.42
HSL	31°, 30%, 45%
HSV	31°, 46%, 58%
XYZ	19.6113, 19.0437, 10.2316
YIQ	120.5780, 30.3070, -4.1010

# Conversions

## Conversions Part 2

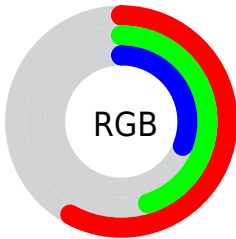
<b>Format</b>	<b>Color</b>
<b>RYB</b>	141, 147, 80
Decimal	9663312
CIELab	50.74, 7.79, 24.14
CIElCh	51, 25.366, 72.113
Yxy	19.0437, 0.4012, 0.3895
Android (android.graphics.Color)	4287853392 (0xFF937350)
YUV	120.5780, -20.0050, 23.1721
Hunter-Lab	43.6391, 3.8492, 16.6463

# Details

The Hex color **937350** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **507093**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **CAA782**, and **5E4323** is the 20% darker color. If you saturate the color by 10%, you get **936C41**, and if you desaturate by 10%, it is **937A5F**.

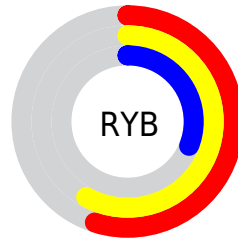
# Distribution



Red (58%)

Green (45%)

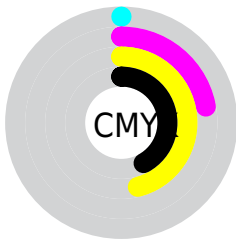
Blue (31%)



Red (55%)

Yellow (58%)

Blue (31%)

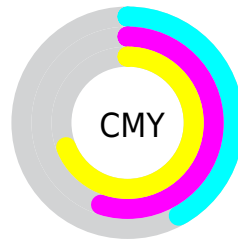


Cyan (0%)

Magenta (22%)

Yellow (46%)

Black (42%)



Cyan (42%)

Magenta (55%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 937350 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 937350 by changing the saturation by 10% instead.



 937350

 937350

FFFFFF

 785A39

 CAA782

 5E4323

 E7C29C

 452D0D

 FFDEB7

 2E1800

 FFFBD3

 150000

 FFFFEF

 000000

 937350

 937350

 936C41

 937A5F

 936533

 93816D

 935E24

 93887C

 935715

 938F8B

 935007

 939699

 934D00

 939DA8

 93A4B7

 93ABC6

 93B2D4

# Harmonies

## Analogous

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



A06C5D



937350



7F7A4E

# Triad

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



937350



368581



877099

# Complementary

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



937350



507093

# 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.



6978A3



937350



308395

# Square

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



937350



4D846B



487FA1



9B6A87

# Rectangle

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



937350



6F7E54



487FA1



7E739D



# Sweetspot

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



937350



BFB2A4



935070



615950



E0E0E0



616161



# Same Dimension

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



937350



BF8D56



929350



4A4643



8A4800



0A0500



# Inverse Universe

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



507093



5688BF



515093



43464A



00428A



00050A



# Previews

## White Background



This preview shows how the Hex color 937350 looks on a white background.

## Color Contrast Check

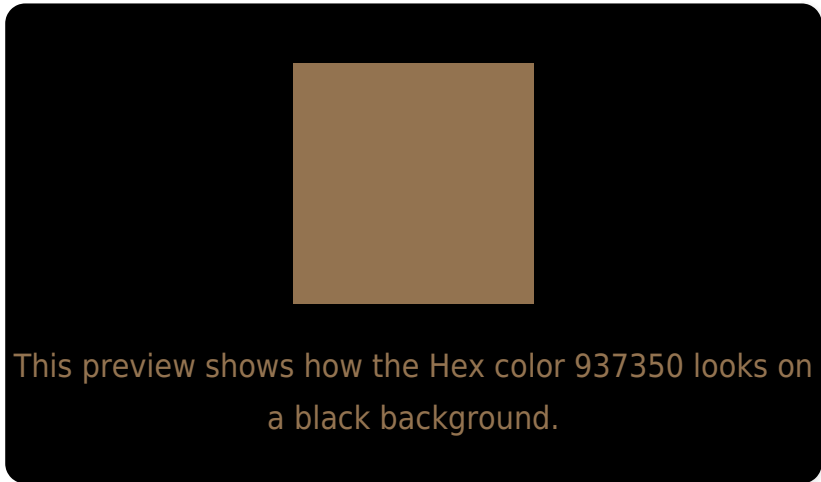
Large Text (above 18pt) WCAG AA ✓ Pass

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 937350 Background



This preview shows how black text looks on a background with the Hex color 937350.



This preview shows how white text looks on a background with the Hex color 937350.

# 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**  
937350

**Protanopia**  
837952

**Deuteranopia**  
917450



**Tritanopia**  
976E77

# Trichromacy



**Original Color**  
937350

**Protanomaly**  
897751

**Deuteranomaly**  
927450

**Tritanomaly**  
967069

# Monochromacy



**Original Color**  
937350

**Achromatopsia**  
797979

**Achromatomaly**  
82776A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 937350 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 #937350 looks like.

```
.text, #text, p{  
    color:#937350  
}
```

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 #937350 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #937350
}
```

## Border

The CSS property to change the border of an element to Hex 937350 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
#937350 }
```

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

```
.border{ border-color:#937350 }
```

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

Here you see how a box with a 4 pixel #937350 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #937350; -webkit-box-shadow:4px 4px  
4px 4px #937350; box-shadow:4px 4px 4px  
4px #937350 }
```

# Background

The CSS property to change the background color of an element to Hex 937350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#937350 }
```

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

```
.background{ background-color:#937350 }
```

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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