

Converting Colors

Hex(937440)

Have a look what the booklet for
Hex(937440) contains.

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Color

Hex(937440)

Conversions

Conversions Part 1

Format	Color
Hex	937440
RGB	147, 116, 64
RGB Percent	58%, 45%, 25%
CMY	0.4235, 0.5451, 0.7490
CMYK	0.00, 0.21, 0.56, 0.42
HSL	38°, 39%, 41%
HSV	38°, 56%, 58%
XYZ	19.2034, 19.0640, 7.5181
YIQ	119.3410, 35.1680, -9.6000

Conversions

Conversions Part 2

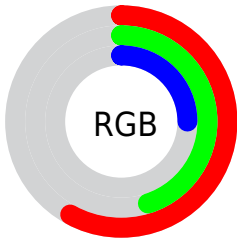
Format	Color
R_{YB}	113, 147, 64
Decimal	9663552
CIE Lab	50.76, 5.63, 33.06
CIE LCh	51, 33.532, 80.341
Yxy	19.0640, 0.4194, 0.4164
Android (android.graphics.Color)	4287853632 (0xFF937440)
YUV	119.3410, -27.2831, 24.2569
Hunter-Lab	43.6623, 2.0982, 20.3547

Details

The Hex color **937440** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **405F93**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **CBA871**, and **5E4412** is the 20% darker color. If you saturate the color by 10%, you get **936F31**, and if you desaturate by 10%, it is **93794F**.

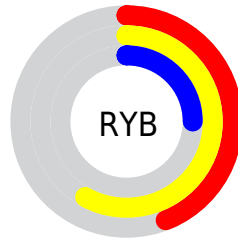
Distribution



Red (58%)

Green (45%)

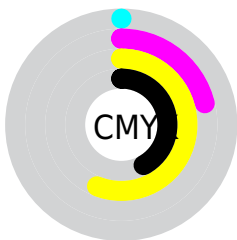
Blue (25%)



Red (44%)

Yellow (58%)

Blue (25%)

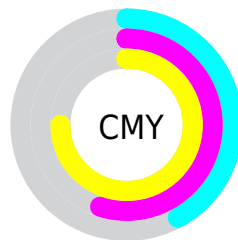


Cyan (0%)

Magenta (21%)

Yellow (56%)

Black (42%)



Cyan (42%)

Magenta (55%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 937440 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 937440 by changing the saturation by 10% instead.

■ 937440

■ 937440

FFFFFF

■ 785B29

■ CBA871

■ 5E4412

■ E8C38B

■ 452E00

■ FFDF A6

■ 2C1900

■ FFFBC1

■ 110000

■ FFFFDD

■ 000000

■ FFFFFA

■ 937440

■ 937440

■ 936F31

■ 93794F

■ 936923

■ 937F5D

■ 936414

■ 93846C

■ 935E05

■ 938A7B

■ 935C00

■ 938F8A

■ 939598

■ 939AA7

■ 93A0B6

■ 93A5C4

Harmonies

Analogous

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



A76A4E



937440



777D42

Triad

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



937440



00888C



946A9E

Complementary

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



937440



405F93

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.



6E75AE



937440



0085A4

Square

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



937440



2C876E



387FB1



AA6383

Rectangle

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



937440



62824C



387FB1



896EA5

Sweetspot

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



937440



BFB39F



934060



615A4E



E0E0E0



616161

Same Dimension

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



937440



BF8F3D



899340



4A4743



8A5600



0A0600

Inverse Universe

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



405F93



3D6EBF



4A4093



43454A



00338A



00040A

Previews

White Background



This preview shows how the Hex color 937440 looks on a white background.

Color Contrast Check

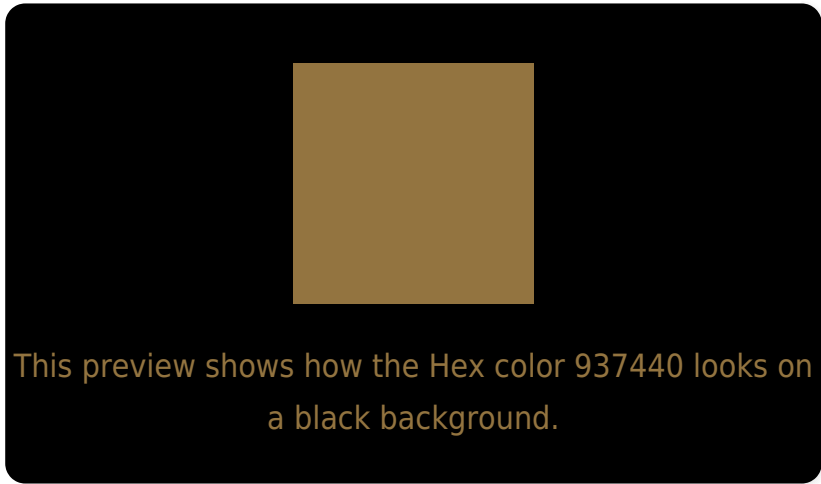
Large Text (above 18pt) WCAG AA ✓ Pass

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

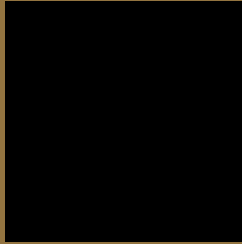
Any Text WCAG AA ✓ Pass

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 937440 Background



This preview shows how black text looks on a background with the Hex color 937440.



This preview shows how white text looks on a background with the Hex color 937440.

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
937440

Protanopia
857942

Deuteranopia
947340



Tritanopia
986E76

Trichromacy



Original Color
937440

Protanomaly
8A7741

Deuteranomaly
947340

Tritanomaly
967062

Monochromacy



Original Color
937440

Achromatopsia
777777

Achromatomaly
817663

CSS Examples

Text

The CSS property to change the color of the text to Hex 937440 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 #937440 looks like.

```
.text, #text, p{  
    color:#937440  
}
```

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 #937440 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #937440
}
```

Border

The CSS property to change the border of an element to Hex 937440 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
#937440 }
```

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

```
.border{ border-color:#937440 }
```

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

Here you see how a box with a 4 pixel #937440 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #937440; -webkit-box-shadow:4px 4px  
4px 4px #937440; box-shadow:4px 4px 4px  
4px #937440 }
```

Background

The CSS property to change the background color of an element to Hex 937440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#937440 }
```

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

```
.background{ background-color:#937440 }
```

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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