

# Converting Colors

Hex(937430)

Have a look what the booklet for  
Hex(937430) contains.

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**Color**

**Hex(937430)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	937430
RGB	147, 116, 48
RGB Percent	58%, 45%, 19%
CMY	0.4235, 0.5451, 0.8118
CMYK	0.00, 0.21, 0.67, 0.42
HSL	41°, 51%, 38%
HSV	41°, 67%, 58%
XYZ	18.8115, 18.9072, 5.4543
YIQ	117.5170, 40.3040, -14.5760

# Conversions

## Conversions Part 2

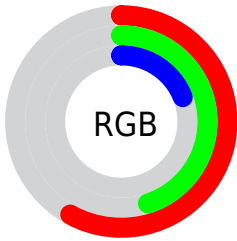
<b>Format</b>	<b>Color</b>
<b>RYB</b>	93, 147, 48
Decimal	9663536
CIELab	50.58, 4.41, 41.06
CIELCh	51, 41.300, 83.874
Yxy	18.9072, 0.4357, 0.4379
Android (android.graphics.Color)	4287853616 (0xFF937430)
YUV	117.5170, -34.2719, 25.8566
Hunter-Lab	43.4824, 1.1290, 23.0006

# Details

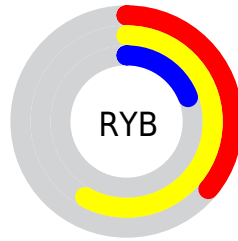
The Hex color **937430** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **304F93**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **CCA861**, and **5D4400** is the 20% darker color. If you saturate the color by 10%, you get **936F21**, and if you desaturate by 10%, it is **93793F**.

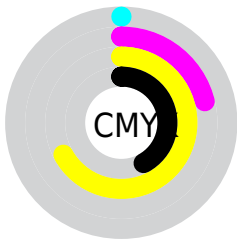
# Distribution



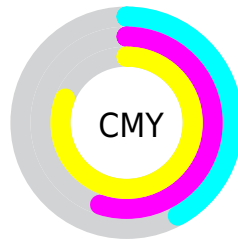
- Red (58%)
- Green (45%)
- Blue (19%)



- Red (36%)
- Yellow (58%)
- Blue (19%)



- Cyan (0%)
- Magenta (21%)
- Yellow (67%)
- Black (42%)



- Cyan (42%)
- Magenta (55%)
- Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 937430 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 937430 by changing the saturation by 10% instead.



 937430

 937430

FFFFFF

 785C17

 CCA861

 5D4400

 E9C37B

 432E00

 FFDF95

 2A1A00

 FFFBB0

 0E0000

 FFFFCC

 000000

 FFFFEE9

 937430

 937430

 936F21

 93793F

■ 936B13

■ 937D4D

■ 936604

■ 93825C

■ 936500

■ 93866B

■ 938B7A

■ 939088

■ 939497

■ 9399A6

■ 939DB4

# Harmonies

## Analogous

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



AD6740



937430



717F35

# Triad

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



937430



008A94



9D64A2

# Complementary

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



937430



304F93

# 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.



6F72B9



937430



0086B0

# Square

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



937430



008A70



177EBE



B55B81

# Rectangle

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



937430



568444



177EBE



9069AB



# Sweetspot

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



937430



BFB399



93304F



615A4A



E0E0E0



616161



# Same Dimension

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



937430



BF8F24



819330



4A4843



8A5F00



0A0700



# Inverse Universe

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



304F93



2455BF



423093



43454A



002B8A



00030A



# Previews

## White Background



This preview shows how the Hex color 937430 looks on a white background.

## Color Contrast Check

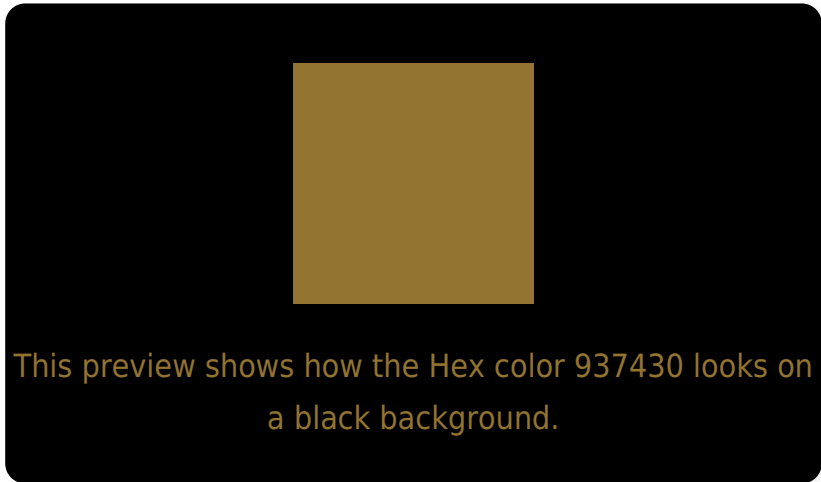
Large Text (above 18pt) WCAG AA ✓ Pass

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 937430 Background



This preview shows how black text looks on a background with the Hex color 937430.



This preview shows how white text looks on a background with the Hex color 937430.

# 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**  
937430

**Protanopia**  
867931

**Deuteranopia**  
967330



**Tritanopia**  
986D75

# Trichromacy



**Original Color**  
937430

**Protanomaly**  
8B7731

**Deuteranomaly**  
957330

**Tritanomaly**  
96705C

# Monochromacy



**Original Color**  
937430

**Achromatopsia**  
767676

**Achromatomaly**  
81755D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 937430 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 #937430 looks like.

```
.text, #text, p{  
    color:#937430  
}
```

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 #937430 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #937430
}
```

## Border

The CSS property to change the border of an element to Hex 937430 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
#937430 }
```

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

```
.border{ border-color:#937430 }
```

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

Here you see how a box with a 4 pixel #937430 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #937430; -webkit-box-shadow:4px 4px  
4px 4px #937430; box-shadow:4px 4px 4px  
4px #937430 }
```

# Background

The CSS property to change the background color of an element to Hex 937430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#937430 }
```

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

```
.background{ background-color:#937430 }
```

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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