

Converting Colors

Hex(937030)

Have a look what the booklet for
Hex(937030) contains.

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Color

Hex(937030)

Conversions

Conversions Part 1

Format	Color
Hex	937030
RGB	147, 112, 48
RGB Percent	58%, 44%, 19%
CMY	0.4235, 0.5608, 0.8118
CMYK	0.00, 0.24, 0.67, 0.42
HSL	39°, 51%, 38%
HSV	39°, 67%, 58%
XYZ	18.3603, 18.0048, 5.3039
YIQ	115.1690, 41.4040, -12.4840

Conversions

Conversions Part 2

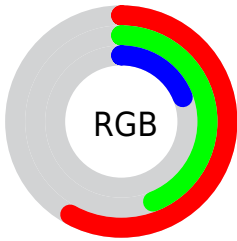
Format	Color
R_{YB}	102, 147, 48
Decimal	9662512
CIE Lab	49.50, 6.70, 39.89
CIE LCh	50, 40.451, 80.467
Yxy	18.0048, 0.4406, 0.4321
Android (android.graphics.Color)	4287852592 (0xFF937030)
YUV	115.1690, -33.1143, 27.9158
Hunter-Lab	42.4320, 2.9806, 22.2914

Details

The Hex color **937030** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **305393**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **CCA461**, and **5D4000** is the 20% darker color. If you saturate the color by 10%, you get **936B21**, and if you desaturate by 10%, it is **93753F**.

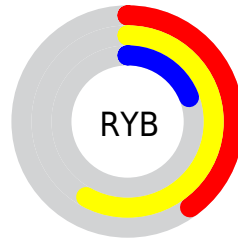
Distribution



Red (58%)

Green (44%)

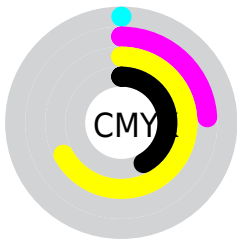
Blue (19%)



Red (40%)

Yellow (58%)

Blue (19%)

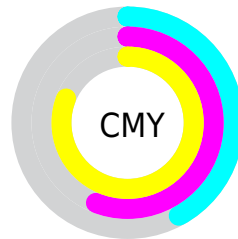


Cyan (0%)

Magenta (24%)

Yellow (67%)

Black (42%)



Cyan (42%)

Magenta (56%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 937030 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 937030 by changing the saturation by 10% instead.

 937030

 937030

FFFFFF

 785818

 CCA461

 5D4000

 E9BF7B

 432B00

 FFDA95

 2A1600

 FFF7B0

 0C0000

 FFFFCC

 000000

 FFFFEE

 937030

 937030

 936B21

 93753F

■ 936613

■ 937A4D

■ 936004

■ 93805C

■ 935F00

■ 93856B

■ 938A7A

■ 938F88

■ 939497

■ 939AA6

■ 939FB4

Harmonies

Analogous

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



AB6342



937030



737B32

Triad

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



937030



00878D



9563A2

Complementary

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



937030



305393

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.



6671B6



937030



0084AA

Square

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



937030



008669



007DB9



B05982

Rectangle

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



937030



59803F



007DB9



8868AA

Sweetspot

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



937030



BFB299



933054



61594A



E0E0E0



616161

Same Dimension

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



937030



BF8824



869330



4A4743



8A5900



0A0700

Inverse Universe

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



305393



245BBF



3D3093



43454A



00318A



00040A

Previews

White Background



This preview shows how the Hex color 937030 looks on a white background.

Color Contrast Check

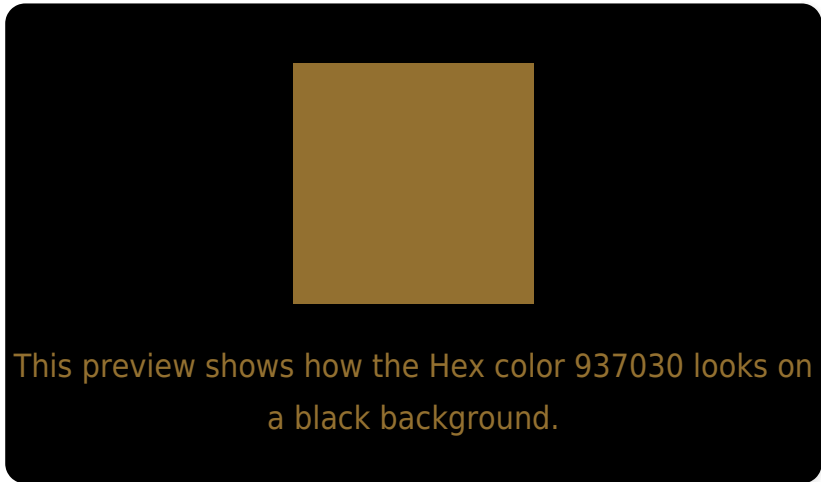
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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 937030 Background



This preview shows how black text looks on a background with the Hex color 937030.



This preview shows how white text looks on a background with the Hex color 937030.

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
937030

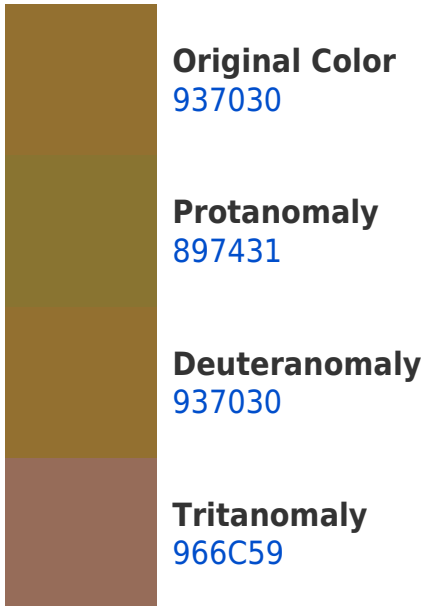
Protanopia
837632

Deuteranopia
937030

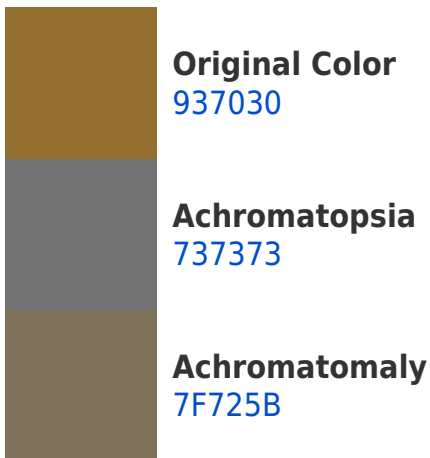


Tritanopia
986971

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 937030 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 #937030 looks like.

```
.text, #text, p{  
    color:#937030  
}
```

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 #937030 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #937030
}
```

Border

The CSS property to change the border of an element to Hex 937030 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
#937030 }
```

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

```
.border{ border-color:#937030 }
```

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

Here you see how a box with a 4 pixel #937030 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #937030; -webkit-box-shadow:4px 4px  
4px 4px #937030; box-shadow:4px 4px 4px  
4px #937030 }
```

Background

The CSS property to change the background color of an element to Hex 937030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#937030 }
```

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

```
.background{ background-color:#937030 }
```

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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