

Converting Colors

Hex(937D00)

Have a look what the booklet for
Hex(937D00) contains.

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Color

Hex(937D00)

Conversions

Conversions Part 1

Format	Color
Hex	937D00
RGB	147, 125, 0
RGB Percent	58%, 49%, 0%
CMY	0.4235, 0.5098, 1.0000
CMYK	0.00, 0.15, 1.00, 0.42
HSL	51°, 100%, 29%
HSV	51°, 100%, 58%
XYZ	19.3662, 20.8703, 3.0077
YIQ	117.3280, 53.2370, -34.2110

Conversions

Conversions Part 2

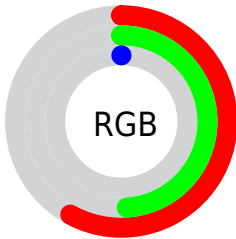
Format	Color
RYB	26, 147, 0
Decimal	9665792
CIELab	52.81, -2.36, 58.18
CIELCh	53, 58.223, 92.326
Yxy	20.8703, 0.4478, 0.4826
Android (android.graphics.Color)	4287855872 (0xFF937D00)
YUV	117.3280, -57.8427, 26.0223
Hunter-Lab	45.6840, -4.2778, 28.0754

Details

The Hex color **937D00** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **001693**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **CDB142**, and **5C4D00** is the 20% darker color. If you saturate the color by 10%, you get **937D00**, and if you desaturate by 10%, it is **937F0F**.

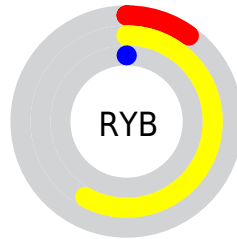
Distribution



Red (58%)

Green (49%)

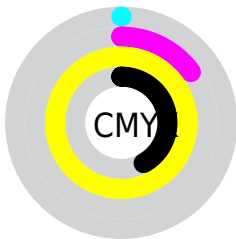
Blue (0%)



Red (10%)

Yellow (58%)

Blue (0%)

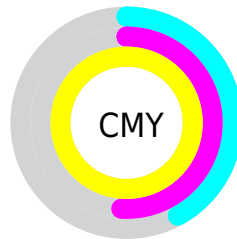


Cyan (0%)

Magenta (15%)

Yellow (100%)

Black (42%)



Cyan (42%)

Magenta (51%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 937D00 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 937D00 by changing the saturation by 10% instead.

 937D00

 937D00

FFFFFF

 776400

 CDB142

 5C4D00

 EACD5D

 413600

 FFE978

 282100

 FFFF93

 0A0C00

 FFFFAE

 000000

 FFFF CB

 FFFF E8

 937D00

 937F0F

 93811D

 93842C

 93863B

 93884A

 938A58

 938C67

 938F76

 939184

Harmonies

Analogous

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



BA6A21



937D00



608A1F

Triad

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



937D00



0095B2



BD58AD

Complementary

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



937D00



001693

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.



836FD3



937D00



008FD6

Square

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



937D00



009581



0083E2



D64C7C

Rectangle

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



937D00



2E903D



0083E2



AE60BC

Sweetspot

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



937D00



BFB786



930016



615C3E



E0E0E0



616161

Same Dimension

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



937D00



BFA300



609300



4A4943



8A7500



0A0900

Inverse Universe

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



001693



001DBF



330093



43444A



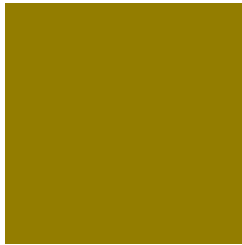
00158A



00020A

Previews

White Background



This preview shows how the Hex color 937D00 looks on a white background.

Color Contrast Check

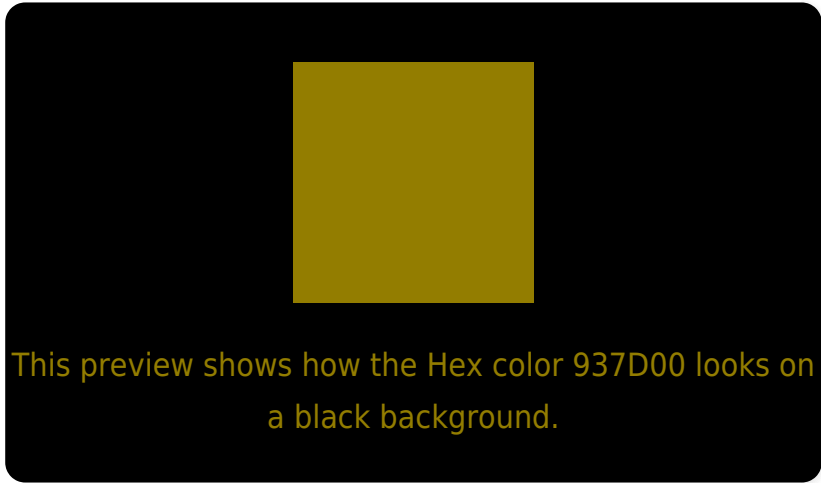
Large Text (above 18pt) WCAG AA ✓ Pass

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 937D00 Background



This preview shows how black text looks on a background with the Hex color 937D00.

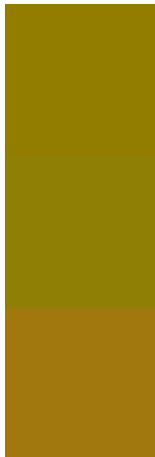


This preview shows how white text looks on a background with the Hex color 937D00.

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
937D00

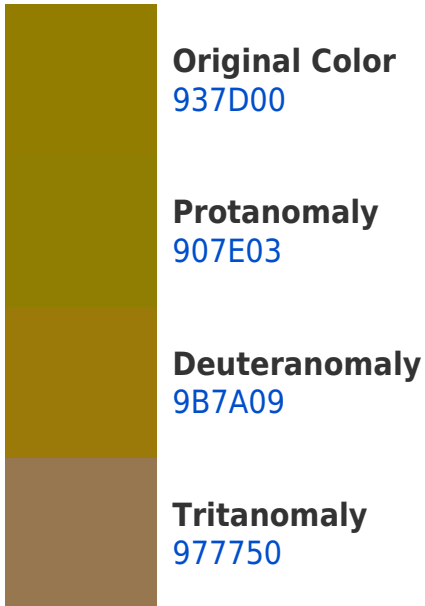
Protanopia
8F7F04

Deuteranopia
A0780E

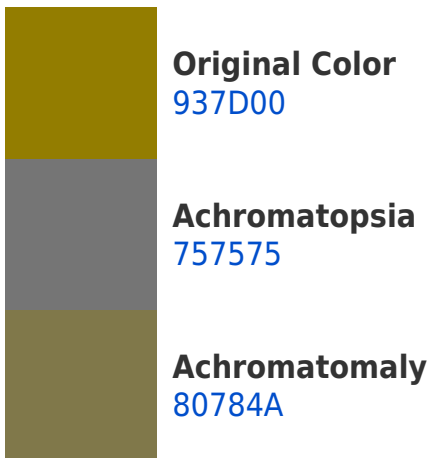


Tritanopia
9A747D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 937D00 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 #937D00 looks like.

```
.text, #text, p{  
    color:#937D00  
}
```

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 #937D00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #937D00
}
```

Border

The CSS property to change the border of an element to Hex 937D00 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
#937D00 }
```

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

```
.border{ border-color:#937D00 }
```

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

Here you see how a box with a 4 pixel #937D00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #937D00; -webkit-box-shadow:4px 4px  
4px 4px #937D00; box-shadow:4px 4px 4px  
4px #937D00 }
```

Background

The CSS property to change the background color of an element to Hex 937D00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#937D00 }
```

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

```
.background{ background-color:#937D00 }
```

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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