

Converting Colors

Hex(937D3A)

Have a look what the booklet for
Hex(937D3A) contains.

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Color

Hex(937D3A)

Conversions

Conversions Part 1

Format	Color
Hex	937D3A
RGB	147, 125, 58
RGB Percent	58%, 49%, 23%
CMY	0.4235, 0.5098, 0.7725
CMYK	0.00, 0.15, 0.61, 0.42
HSL	45°, 43%, 40%
HSV	45°, 61%, 58%
XYZ	20.1300, 21.1758, 7.0294
YIQ	123.9400, 34.6190, -16.1730

Conversions

Conversions Part 2

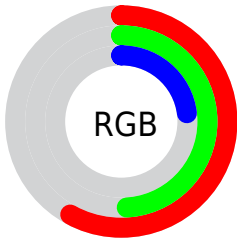
Format	Color
R _Y B	87, 147, 58
Decimal	9665850
CIE Lab	53.14, 0.01, 38.98
CIE LCh	53, 38.977, 89.978
Yxy	21.1758, 0.4165, 0.4381
Android (android.graphics.Color)	4287855930 (0xFF937D3A)
YUV	123.9400, -32.5084, 20.2236
Hunter-Lab	46.0171, -2.4461, 23.1551

Details

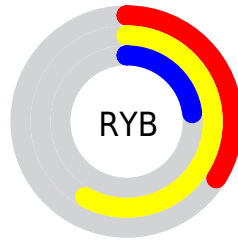
The Hex color **937D3A** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **3A5093**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **CBB16C**, and **5E4C08** is the 20% darker color. If you saturate the color by 10%, you get **93792B**, and if you desaturate by 10%, it is **938149**.

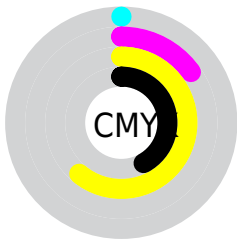
Distribution



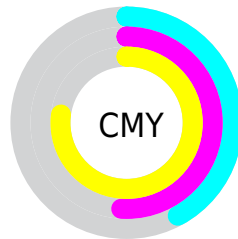
- Red (58%)
- Green (49%)
- Blue (23%)



- Red (34%)
- Yellow (58%)
- Blue (23%)



- Cyan (0%)
- Magenta (15%)
- Yellow (61%)
- Black (42%)



- Cyan (42%)
- Magenta (51%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 937D3A 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 937D3A by changing the saturation by 10% instead.

 937D3A

 937D3A

FFFFFF

 786422

 CBB16C

 5E4C08

 E8CD85

 453600

 FFE9A0

 2B2100

 FFFFBB

 100B00

 FFFFD7

 000000

 FFFFF4

 937D3A

 937D3A

 93792B

 938149

■ 93761D

■ 938457

■ 93720E

■ 938866

■ 936F00

■ 938C75

■ 938F84

■ 939392

■ 9396A1

■ 939AB0

■ 939EBE

Harmonies

Analogous

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



AE7145



937D3A



718743

Triad

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



937D3A



008F9F



A86AA1

Complementary

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



937D3A



3A5093

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.



8176B9



937D3A



008BB8

Square

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



937D3A



00907E



4482C2



BC6380

Rectangle

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



937D3A



568B52



4482C2



9D6EAA

Sweetspot

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



937D3A



BFB79D



933A50



615C4C



E0E0E0



616161

Same Dimension

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



937D3A



BF9D34



7D933A



4A4843



8A6800



0A0800

Inverse Universe

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



3A5093



3456BF



503A93



43444A



00228A



00030A

Previews

White Background



This preview shows how the Hex color 937D3A looks on a white background.

Color Contrast Check

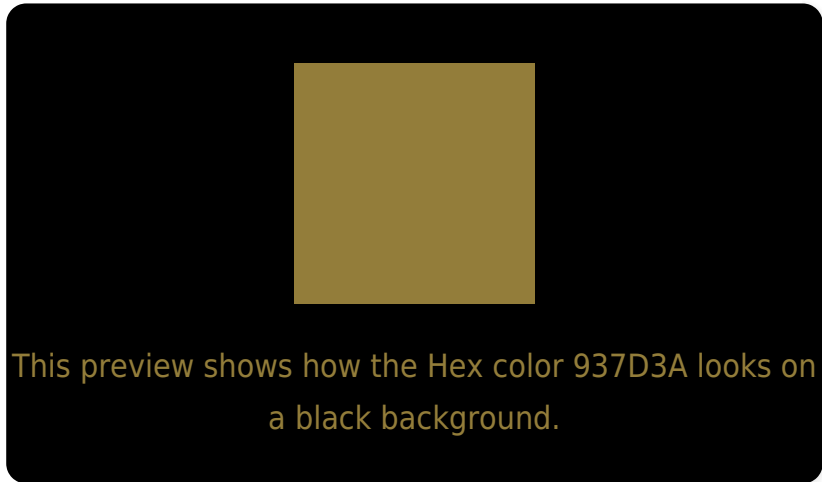
Large Text (above 18pt) WCAG AA ✓ Pass

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 937D3A Background



This preview shows how black text looks on a background with the Hex color 937D3A.



This preview shows how white text looks on a background with the Hex color 937D3A.

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
937D3A

Protanopia
8D7F3B

Deuteranopia
9D793B



Tritanopia
99767F

Trichromacy



Original Color
937D3A

Protanomaly
8F7E3B

Deuteranomaly
997A3B

Tritanomaly
977966

Monochromacy



Original Color
937D3A

Achromatopsia
7C7C7C

Achromatomaly
847C64

CSS Examples

Text

The CSS property to change the color of the text to Hex 937D3A 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 #937D3A looks like.

```
.text, #text, p{  
    color:#937D3A  
}
```

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 #937D3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #937D3A
}
```

Border

The CSS property to change the border of an element to Hex 937D3A 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
#937D3A }
```

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

```
.border{ border-color:#937D3A }
```

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

Here you see how a box with a 4 pixel #937D3A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #937D3A; -webkit-box-shadow:4px 4px  
4px 4px #937D3A; box-shadow:4px 4px 4px  
4px #937D3A }
```

Background

The CSS property to change the background color of an element to Hex 937D3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#937D3A }
```

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

```
.background{ background-color:#937D3A }
```

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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