

Converting Colors

Hex(937D57)

Have a look what the booklet for
Hex(937D57) contains.

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Color

Hex(937D57)

Conversions

Conversions Part 1

Format	Color
Hex	937D57
RGB	147, 125, 87
RGB Percent	58%, 49%, 34%
CMY	0.4235, 0.5098, 0.6588
CMYK	0.00, 0.15, 0.41, 0.42
HSL	38°, 26%, 46%
HSV	38°, 41%, 58%
XYZ	21.0865, 21.5584, 12.0666
YIQ	127.2460, 25.3100, -7.1540

Conversions

Conversions Part 2

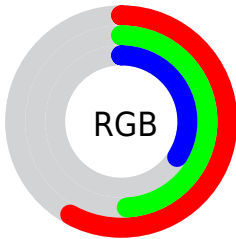
Format	Color
R_{YB}	122, 147, 87
Decimal	9665879
CIE _{Lab}	53.56, 2.88, 23.86
CIE _{LCh}	54, 24.029, 83.119
Yxy	21.5584, 0.3854, 0.3940
Android (android.graphics.Color)	4287855959 (0xFF937D57)
YUV	127.2460, -19.8413, 17.3243
Hunter-Lab	46.4310, -0.1889, 17.0933

Details

The Hex color **937D57** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **576D93**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **CAB189**, and **5F4C29** is the 20% darker color. If you saturate the color by 10%, you get **937848**, and if you desaturate by 10%, it is **938266**.

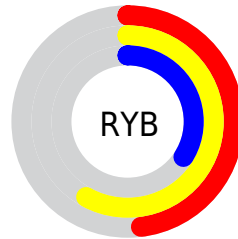
Distribution



Red (58%)

Green (49%)

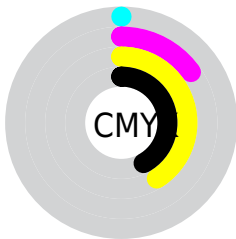
Blue (34%)



Red (48%)

Yellow (58%)

Blue (34%)

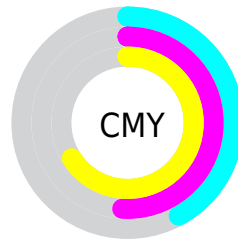


Cyan (0%)

Magenta (15%)

Yellow (41%)

Black (42%)



Cyan (42%)

Magenta (51%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 937D57 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 937D57 by changing the saturation by 10% instead.

 937D57

 937D57

FFFFFF

 79643F

 CAB189

 5F4C29


 E7CDA4

 463613

 FFE9BF

 302000

 FFFFDB

 170A00

 FFFFF7

 000000

 937D57

 937D57

 937848

 938266

 93723A

 938874

■ 936D2B

■ 938D83

■ 93671C

■ 939392

■ 93620E

■ 9398A1

■ 935D00

■ 939DAF

■ 93A3BE

■ 93A8CD

■ 93AEDB

Harmonies

Analogous

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



A37660



937D57



7E8459

Triad

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



937D57



3F8B8F



967599

Complementary

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



937D57



576D93

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.



7C7CA6



937D57



4489A0

Square

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



937D57



4F8B7A



5E83A9



A57186

Rectangle

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



937D57



6E8761



5E83A9



8E779E

Sweetspot

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



937D57



BFB7A8



93576D



615C53



E0E0E0



616161

Same Dimension

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



937D57



BF9D62



8B9357



4A4743



8A5700



0A0600

Inverse Universe

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



576D93



6284BF



5F5793



43454A



00328A



00040A

Previews

White Background



This preview shows how the Hex color 937D57 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 937D57 Background



This preview shows how black text looks on a background with the Hex color 937D57.



This preview shows how white text looks on a background with the Hex color 937D57.

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
937D57

Protanopia
8A8058

Deuteranopia
997B58



Tritanopia
977881

Trichromacy



Original Color
937D57

Protanomaly
8D7F58

Deuteranomaly
977C58

Tritanomaly
967A72

Monochromacy



Original Color
937D57

Achromatopsia
7F7F7F

Achromatomaly
867E70

CSS Examples

Text

The CSS property to change the color of the text to Hex 937D57 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 #937D57 looks like.

```
.text, #text, p{  
    color:#937D57  
}
```

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 #937D57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #937D57
}
```

Border

The CSS property to change the border of an element to Hex 937D57 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
#937D57 }
```

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

```
.border{ border-color:#937D57 }
```

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

Here you see how a box with a 4 pixel #937D57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #937D57; -webkit-box-shadow:4px 4px  
4px 4px #937D57; box-shadow:4px 4px 4px  
4px #937D57 }
```

Background

The CSS property to change the background color of an element to Hex 937D57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#937D57 }
```

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

```
.background{ background-color:#937D57 }
```

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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