

Converting Colors

Hex(997340)

Have a look what the booklet for
Hex(997340) contains.

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Color

Hex(997340)

Conversions

Conversions Part 1

Format	Color
Hex	997340
RGB	153, 115, 64
RGB Percent	60%, 45%, 25%
CMY	0.4000, 0.5490, 0.7490
CMYK	0.00, 0.25, 0.58, 0.40
HSL	34°, 41%, 43%
HSV	34°, 58%, 60%
XYZ	20.1930, 19.4039, 7.5315
YIQ	120.5480, 39.0190, -7.8050

Conversions

Conversions Part 2

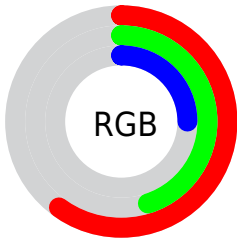
Format	Color
RYB	130, 153, 64
Decimal	10056512
CIELab	51.16, 8.88, 33.69
CIElCh	51, 34.839, 75.231
Yxy	19.4039, 0.4285, 0.4117
Android (android.graphics.Color)	4288246592 (0xFF997340)
YUV	120.5480, -27.8782, 28.4604
Hunter-Lab	44.0499, 4.7393, 20.6977

Details

The Hex color **997340** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **406699**, and the grayscale version is **797979**.

A 20% lighter version of the original color is **D2A771**, and **634312** is the 20% darker color. If you saturate the color by 10%, you get **996C31**, and if you desaturate by 10%, it is **997A4F**.

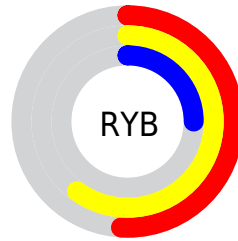
Distribution



Red (60%)

Green (45%)

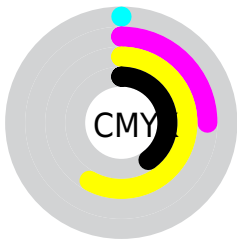
Blue (25%)



Red (51%)

Yellow (60%)

Blue (25%)

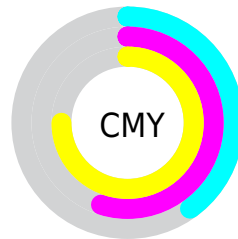


Cyan (0%)

Magenta (25%)

Yellow (58%)

Black (40%)



Cyan (40%)

Magenta (55%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 997340 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 997340 by changing the saturation by 10% instead.

 997340

 997340

FFFFFF

 7E5A29

 D2A771

 634312

 EFC28B

 492D00

 FFDEA6

 301800

 FFFAC1

 180000

 FFFFDD

 000000

 FFFFFA

 997340

 997340

 996C31

 997A4F

 996621

 99805F

 995F12

 99876E

 995903

 998D7D

 995800

 99948C

 999A9C

 99A1AB

 99A7BA

 99AECA

Harmonies

Analogous

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



AC6951



997340



7D7D3F

Triad

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



997340



008988



906CA4

Complementary

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



997340



406699

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.



6678B3



997340



0087A3

Square

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



997340



31886A



2681B3



AA648A

Rectangle

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



997340



688248



2681B3



8470AB

Sweetspot

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



997340



C7B8A5



994067



635B50



E3E3E3



636363

Same Dimension

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



997340



C78B3C



939940



4D4945



8C5000



0D0700

Inverse Universe

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



406699



3C77C7



464099



45484D



003C8C



00050D

Previews

White Background



This preview shows how the Hex color 997340 looks on a white background.

Color Contrast Check

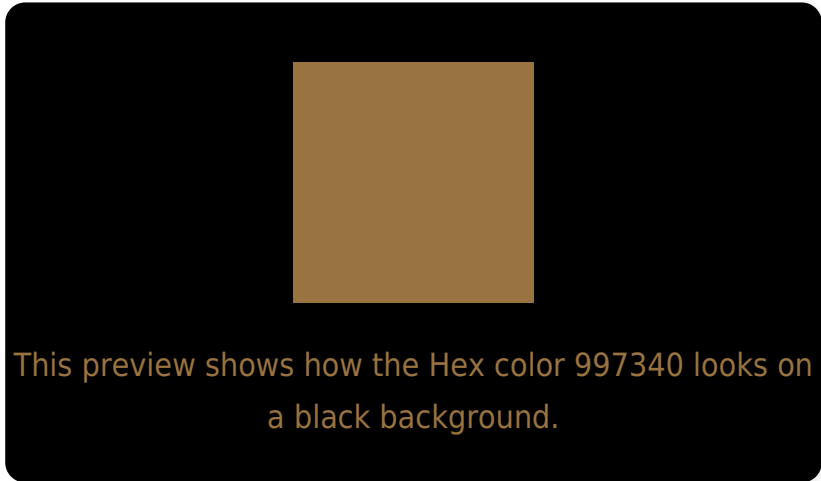
Large Text (above 18pt) WCAG AA ✓ Pass

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 997340 Background



This preview shows how black text looks on a background with the Hex color 997340.



This preview shows how white text looks on a background with the Hex color 997340.

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
997340

Protanopia
867A42

Deuteranopia
967440



Tritanopia
9D6D75

Trichromacy



Original Color
997340

Protanomaly
8D7741

Deuteranomaly
977440

Tritanomaly
9C6F62

Monochromacy



Original Color
997340

Achromatopsia
797979

Achromatomaly
857764

CSS Examples

Text

The CSS property to change the color of the text to Hex 997340 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 #997340 looks like.

```
.text, #text, p{  
    color:#997340  
}
```

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 #997340 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #997340
}
```

Border

The CSS property to change the border of an element to Hex 997340 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
#997340 }
```

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

```
.border{ border-color:#997340 }
```

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

Here you see how a box with a 4 pixel #997340 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #997340; -webkit-box-shadow:4px 4px  
4px 4px #997340; box-shadow:4px 4px 4px  
4px #997340 }
```

Background

The CSS property to change the background color of an element to Hex 997340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#997340 }
```

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

```
.background{ background-color:#997340 }
```

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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