

Converting Colors

Hex(947B42)

Have a look what the booklet for
Hex(947B42) contains.

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Color

Hex(947B42)

Conversions

Conversions Part 1

Format	Color
Hex	947B42
RGB	148, 123, 66
RGB Percent	58%, 48%, 26%
CMY	0.4196, 0.5176, 0.7412
CMYK	0.00, 0.17, 0.55, 0.42
HSL	42°, 38%, 42%
HSV	42°, 55%, 58%
XYZ	20.2791, 20.8552, 8.1109
YIQ	123.9770, 33.1970, -12.4270

Conversions

Conversions Part 2

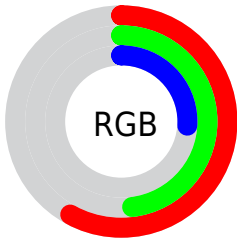
Format	Color
RYB	102, 148, 66
Decimal	9730882
CIELab	52.79, 2.26, 34.45
CIELCh	53, 34.526, 86.246
Yxy	20.8552, 0.4118, 0.4235
Android (android.graphics.Color)	4287920962 (0xFF947B42)
YUV	123.9770, -28.5827, 21.0682
Hunter-Lab	45.6675, -0.6534, 21.4369

Details

The Hex color **947B42** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **425B94**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **CCAF73**, and **5F4B13** is the 20% darker color. If you saturate the color by 10%, you get **947633**, and if you desaturate by 10%, it is **948051**.

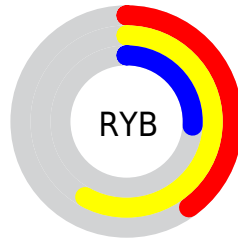
Distribution



Red (58%)

Green (48%)

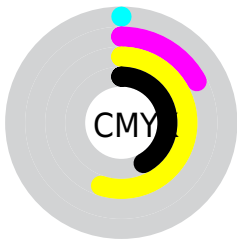
Blue (26%)



Red (40%)

Yellow (58%)

Blue (26%)

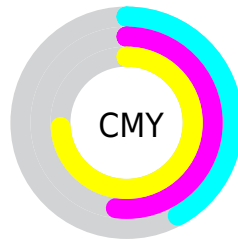


Cyan (0%)

Magenta (17%)

Yellow (55%)

Black (42%)



Cyan (42%)

Magenta (52%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 947B42 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 947B42 by changing the saturation by 10% instead.



947B42



947B42

FFFFFF



79622A



CCAF73



5F4B13



E9CB8D



463400



FFE7A8



2D1F00



FFFFC4



130800



FFFEE0



000000

FFFFFFD



947B42



947B42



947633



948051

■ 947224

■ 948460

■ 946D16

■ 94896E

■ 946907

■ 948D7D

■ 946700

■ 94928C

■ 94969B

■ 949BAA

■ 949FB8

■ 94A4C7

Harmonies

Analogous

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



AB704E



947B42



768447

Triad

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



947B42



008D97



A06D9F

Complementary

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



947B42



425B94

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.



7B78B3



947B42



0089AF

Square

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



947B42



228D79



4782B9



B36683

Rectangle

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



947B42



5F8954



4782B9



9570A7

Sweetspot

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



947B42



BFB59F



94425C



615B4E



E0E0E0



616161

Same Dimension

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



947B42



BF9941



859442



4A4843



8A6000



0A0700

Inverse Universe

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



425B94



4168BF



514294



43454A



002A8A



00030A

Previews

White Background



This preview shows how the Hex color 947B42 looks on a white background.

Color Contrast Check

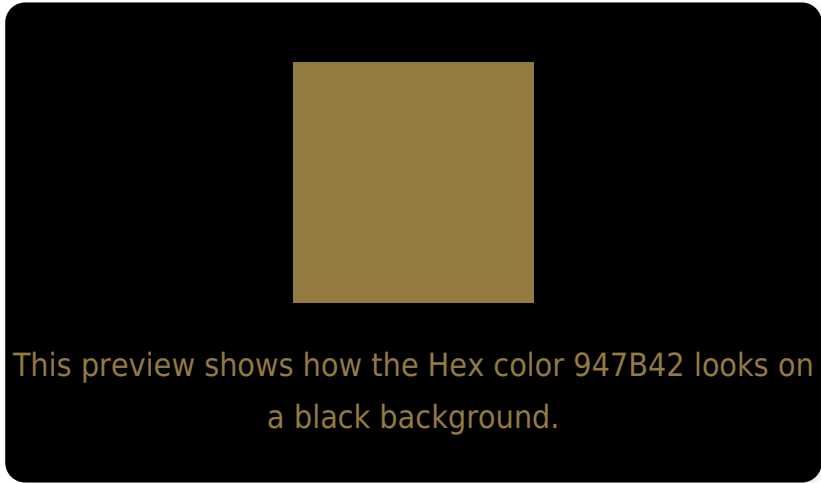
Large Text (above 18pt) WCAG AA ✓ Pass

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

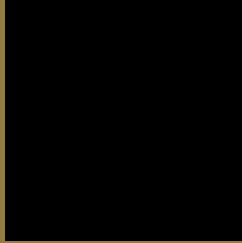
Any Text WCAG AA ✓ Pass

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 947B42 Background



This preview shows how black text looks on a background with the Hex color 947B42.



This preview shows how white text looks on a background with the Hex color 947B42.

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
947B42

Protanopia
8B7E43

Deuteranopia
9B7843



Tritanopia
99747D

Trichromacy



Original Color
947B42

Protanomaly
8E7D43

Deuteranomaly
987943

Tritanomaly
977768

Monochromacy



Original Color
947B42

Achromatopsia
7C7C7C

Achromatomaly
857C67

CSS Examples

Text

The CSS property to change the color of the text to Hex 947B42 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 #947B42 looks like.

```
.text, #text, p{  
    color:#947B42  
}
```

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 #947B42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #947B42
}
```

Border

The CSS property to change the border of an element to Hex 947B42 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
#947B42 }
```

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

```
.border{ border-color:#947B42 }
```

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

Here you see how a box with a 4 pixel #947B42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #947B42; -webkit-box-shadow:4px 4px  
4px 4px #947B42; box-shadow:4px 4px 4px  
4px #947B42 }
```

Background

The CSS property to change the background color of an element to Hex 947B42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#947B42 }
```

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

```
.background{ background-color:#947B42 }
```

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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