

Converting Colors

Hex(947D6B)

Have a look what the booklet for
Hex(947D6B) contains.

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Color

Hex(947D6B)

Conversions

Conversions Part 1

Format	Color
Hex	947D6B
RGB	148, 125, 107
RGB Percent	58%, 49%, 42%
CMY	0.4196, 0.5098, 0.5804
CMYK	0.00, 0.16, 0.28, 0.42
HSL	26°, 16%, 50%
HSV	26°, 28%, 58%
XYZ	22.2002, 22.0247, 16.9910
YIQ	129.8250, 19.4860, -0.7220

Conversions

Conversions Part 2

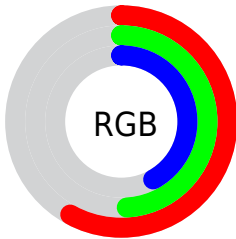
Format	Color
R_{YB}	148, 139, 107
Decimal	9731435
CIE _{Lab}	54.05, 5.97, 13.11
CIE _{LCh}	54, 14.402, 65.509
Yxy	22.0247, 0.3627, 0.3598
Android (android.graphics.Color)	4287921515 (0xFF947D6B)
YUV	129.8250, -11.2527, 15.9395
Hunter-Lab	46.9304, 2.3102, 11.3855

Details

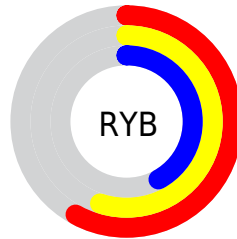
The Hex color **947D6B** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **6B8294**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **CBB29E**, and **614C3C** is the 20% darker color. If you saturate the color by 10%, you get **94755C**, and if you desaturate by 10%, it is **94857A**.

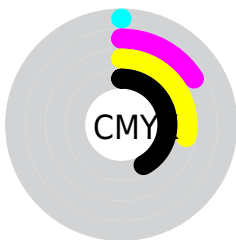
Distribution



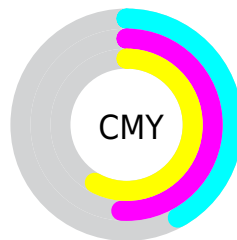
- Red (58%)
- Green (49%)
- Blue (42%)



- Red (58%)
- Yellow (55%)
- Blue (42%)



- Cyan (0%)
- Magenta (16%)
- Yellow (28%)
- Black (42%)



- Cyan (42%)
- Magenta (51%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 947D6B 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 947D6B by changing the saturation by 10% instead.

 947D6B

 947D6B

FFFFFF

 7A6453

 CBB29E

 614C3C

 E7CDB9

 483526

 FFE9D5

 312011

 FFFFF1

 1C0900

 000000

 947D6B

 947D6B

 94755C

 94857A

 946C4D

 948E89

 94643F

 949697

 945C30

 949EA6

 945321

 94A7B5

 944B12

 94AFC4

 944303

 94B7D3

 944100

 94BFE1

 94C8F0

Harmonies

Analogous

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



9B7A73



947D6B



898169

Triad

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



947D6B



638883



867D95

Complementary

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



947D6B



6B8294

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.



76829A



947D6B



60888F

Square

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



947D6B



6D8777



688597



937A8C

Rectangle

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



947D6B



7F846B



688597



817F98

Sweetspot

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



947D6B



BFB7B0



946B82



615B57



E0E0E0



616161

Same Dimension

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



947D6B



BF9C80



94916B



4A4643



8A3C00



0A0400

Inverse Universe

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



6B8294



80A4BF



6B6E94



43474A



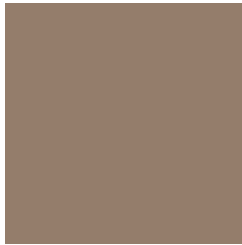
004D8A



00060A

Previews

White Background



This preview shows how the Hex color 947D6B looks on a white background.

Color Contrast Check

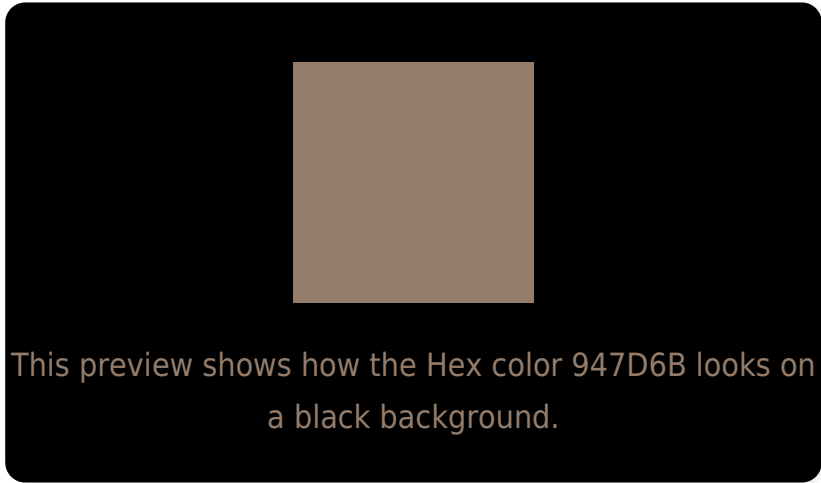
Large Text (above 18pt) WCAG AA ✓ Pass

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

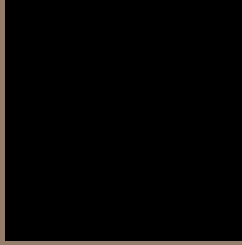
Any Text WCAG AA ✓ Pass

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 947D6B Background



This preview shows how black text looks on a background with the Hex color 947D6B.



This preview shows how white text looks on a background with the Hex color 947D6B.

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
947D6B

Protanopia
88816D

Deuteranopia
967C6B



Tritanopia
977A83

Trichromacy



Original Color
947D6B

Protanomaly
8C806C

Deuteranomaly
957C6B

Tritanomaly
967B7A

Monochromacy



Original Color
947D6B

Achromatopsia
828282

Achromatomaly
89807A

CSS Examples

Text

The CSS property to change the color of the text to Hex 947D6B 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 #947D6B looks like.

```
.text, #text, p{  
    color:#947D6B  
}
```

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 #947D6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #947D6B
}
```

Border

The CSS property to change the border of an element to Hex 947D6B is called "border". The border property can be set on classes, ids or directly on the HTML element.

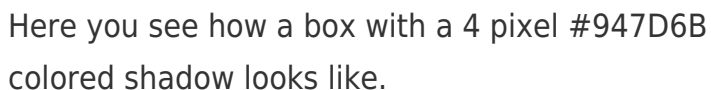
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#947D6B }
```

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

```
.border{ border-color:#947D6B }
```

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

A rectangular box with a 4px #947D6B shadow. The box is white with a thin border and a shadow that is 4 pixels wide and 4 pixels high, colored #947D6B. The shadow is visible on the right and bottom edges of the box.

Here you see how a box with a 4 pixel #947D6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #947D6B; -webkit-box-shadow:4px 4px  
4px 4px #947D6B; box-shadow:4px 4px 4px  
4px #947D6B }
```

Background

The CSS property to change the background color of an element to Hex 947D6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#947D6B }
```

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

```
.background{ background-color:#947D6B }
```

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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