

Converting Colors

Hex(947A69)

Have a look what the booklet for
Hex(947A69) contains.

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Color

Hex(947A69)

Conversions

Conversions Part 1

Format	Color
Hex	947A69
RGB	148, 122, 105
RGB Percent	58%, 48%, 41%
CMY	0.4196, 0.5216, 0.5882
CMYK	0.00, 0.18, 0.29, 0.42
HSL	24°, 17%, 50%
HSV	24°, 29%, 58%
XYZ	21.7221, 21.2349, 16.3185
YIQ	127.8360, 20.9530, 0.2250

Conversions

Conversions Part 2

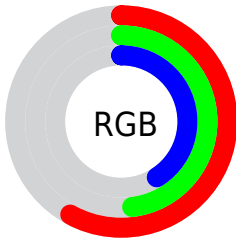
Format	Color
R_{YB}	148, 133, 105
Decimal	9730665
CIE _{Lab}	53.21, 7.40, 13.08
CIE _{LCh}	53, 15.031, 60.520
Yxy	21.2349, 0.3665, 0.3582
Android (android.graphics.Color)	4287920745 (0xFF947A69)
YUV	127.8360, -11.2581, 17.6838
Hunter-Lab	46.0813, 3.5000, 11.2610

Details

The Hex color **947A69** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **698394**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **CBAE9C**, and **60493A** is the 20% darker color. If you saturate the color by 10%, you get **94715A**, and if you desaturate by 10%, it is **948378**.

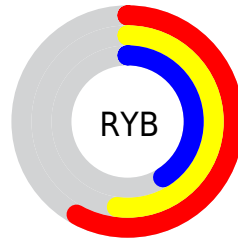
Distribution



Red (58%)

Green (48%)

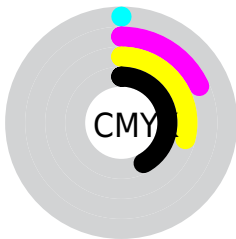
Blue (41%)



Red (58%)

Yellow (52%)

Blue (41%)

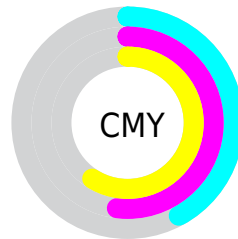


Cyan (0%)

Magenta (18%)

Yellow (29%)

Black (42%)



Cyan (42%)

Magenta (52%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 947A69 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 947A69 by changing the saturation by 10% instead.

 947A69

 947A69

FFFFFF

 7A6151

 CBAE9C

 60493A

 E7CAB7

 483324

 FFE6D3

 311E0F

 FFFFEF

 1C0500

 000000

 947A69

 947A69

 94715A

 948378

 94684B

 948C87

■ 945F3D

■ 949595

■ 94562E

■ 949EA4

■ 944D1F

■ 94A7B3

■ 944410

■ 94B0C2

■ 943B01

■ 94B9D1

■ 943B00

■ 94C2DF

■ 94CBEE

Harmonies

Analogous

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



9A7773



947A69



897E65

Triad

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



947A69



60877F



827C95

Complementary

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



947A69



698394

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.



718099



947A69



5C868C

Square

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



947A69



6C8572



628495



90788C

Rectangle

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



947A69



808167



628495



7C7D97

Sweetspot

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



947A69



BFB5AE



946984



615A56



E0E0E0



616161

Same Dimension

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



947A69



BF977C



948F69



4A4543



8A3600



0A0400

Inverse Universe

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



698394



7CA5BF



696E94



43474A



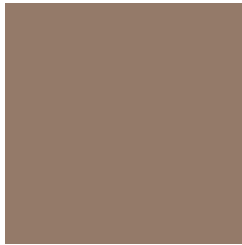
00538A



00060A

Previews

White Background



This preview shows how the Hex color 947A69 looks on a white background.

Color Contrast Check

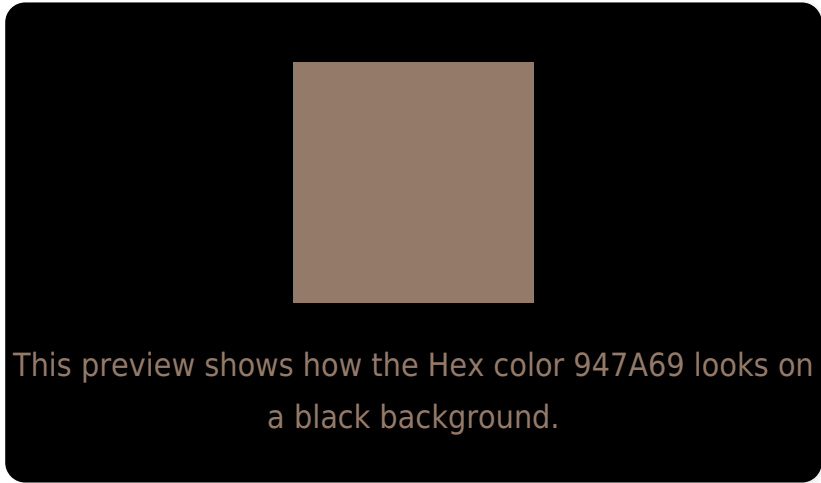
Large Text (above 18pt) WCAG AA ✓ Pass

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

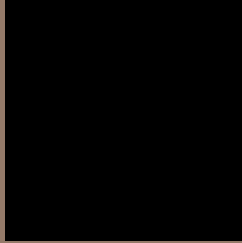
Any Text WCAG AA ✓ Pass

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 947A69 Background



This preview shows how black text looks on a background with the Hex color 947A69.



This preview shows how white text looks on a background with the Hex color 947A69.

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
947A69

Protanopia
867F6B

Deuteranopia
937A69



Tritanopia
977780

Trichromacy



Original Color
947A69

Protanomaly
8B7D6A

Deuteranomaly
937A69

Tritanomaly
967878

Monochromacy



Original Color
947A69

Achromatopsia
808080

Achromatomaly
877E78

CSS Examples

Text

The CSS property to change the color of the text to Hex 947A69 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 #947A69 looks like.

```
.text, #text, p{  
    color:#947A69  
}
```

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 #947A69 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #947A69
}
```

Border

The CSS property to change the border of an element to Hex 947A69 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
#947A69 }
```

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

```
.border{ border-color:#947A69 }
```

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

Here you see how a box with a 4 pixel #947A69 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #947A69; -webkit-box-shadow:4px 4px  
4px 4px #947A69; box-shadow:4px 4px 4px  
4px #947A69 }
```

Background

The CSS property to change the background color of an element to Hex 947A69 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#947A69 }
```

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

```
.background{ background-color:#947A69 }
```

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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