

Converting Colors

Hex(947749)

Have a look what the booklet for
Hex(947749) contains.

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Color

Hex(947749)

Conversions

Conversions Part 1

Format	Color
Hex	947749
RGB	148, 119, 73
RGB Percent	58%, 47%, 29%
CMY	0.4196, 0.5333, 0.7137
CMYK	0.00, 0.20, 0.51, 0.42
HSL	37°, 34%, 43%
HSV	37°, 51%, 58%
XYZ	20.0122, 19.9706, 9.1033
YIQ	122.4270, 32.0500, -8.1580

Conversions

Conversions Part 2

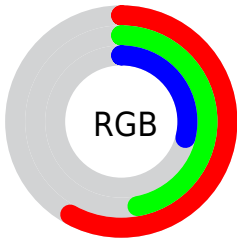
Format	Color
RYB	120, 148, 73
Decimal	9729865
CIELab	51.80, 5.20, 29.45
CIElCh	52, 29.905, 79.992
Yxy	19.9706, 0.4077, 0.4068
Android (android.graphics.Color)	4287919945 (0xFF947749)
YUV	122.4270, -24.3675, 22.4275
Hunter-Lab	44.6885, 1.7302, 19.2042

Details

The Hex color **947749** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **496694**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **CCAB7A**, and **5F471B** is the 20% darker color. If you saturate the color by 10%, you get **94713A**, and if you desaturate by 10%, it is **947D58**.

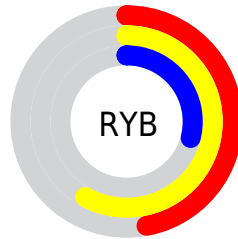
Distribution



Red (58%)

Green (47%)

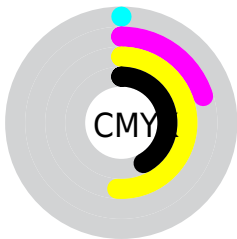
Blue (29%)



Red (47%)

Yellow (58%)

Blue (29%)

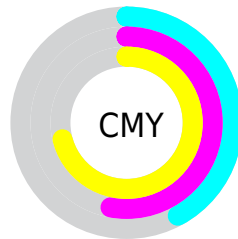


Cyan (0%)

Magenta (20%)

Yellow (51%)

Black (42%)



Cyan (42%)

Magenta (53%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 947749 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 947749 by changing the saturation by 10% instead.

 947749

 947749

FFFFFF

 795E32

 CCAB7A

 5F471B

 E9C695

 463103

 FFE2AF

 2E1C00

 FFFFCB

 140200

 FFFFEE

 000000

 947749

 947749

 94713A

 947D58

 946C2B

 948267

 94661D

 948875

 94600E

 948E84

 945B00

 949493

 9499A2

 949FB1

 94A5BF

 94ABCE

Harmonies

Analogous

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



A66E55



947749



7B7F4B

Triad

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



947749



16898C



936F9D

Complementary

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



947749



496694

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.



7278AB



947749



1886A2

Square

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



947749



3C8972



4781AD



A86885

Rectangle

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



947749



688453



4781AD



8A72A3

Sweetspot

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



947749



BFB4A3



944967



615A4F



E0E0E0



616161

Same Dimension

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



947749



BF924B



8D9449



4A4743



8A5400



0A0600

Inverse Universe

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



496694



4B78BF



504994



43454A



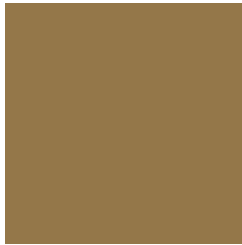
00358A



00040A

Previews

White Background



This preview shows how the Hex color 947749 looks on a white background.

Color Contrast Check

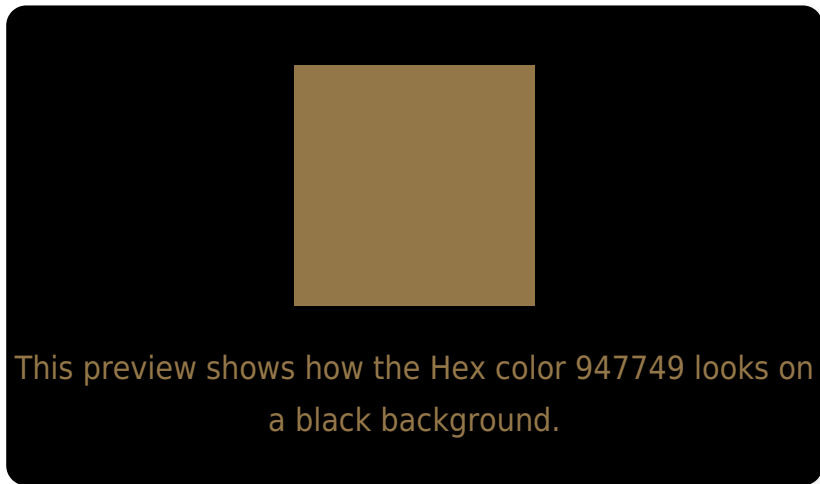
Large Text (above 18pt) WCAG AA ✓ Pass

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

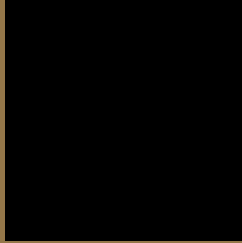
Any Text WCAG AA ✓ Pass

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 947749 Background



This preview shows how black text looks on a background with the Hex color 947749.



This preview shows how white text looks on a background with the Hex color 947749.

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
947749

Protanopia
877C4B

Deuteranopia
967649



Tritanopia
98717A

Trichromacy



Original Color
947749

Protanomaly
8C7A4A

Deuteranomaly
957649

Tritanomaly
977368

Monochromacy



Original Color
947749

Achromatopsia
7A7A7A

Achromatomaly
837968

CSS Examples

Text

The CSS property to change the color of the text to Hex 947749 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 #947749 looks like.

```
.text, #text, p{  
    color:#947749  
}
```

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 #947749 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #947749
}
```

Border

The CSS property to change the border of an element to Hex 947749 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
#947749 }
```

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

```
.border{ border-color:#947749 }
```

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

Here you see how a box with a 4 pixel #947749 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #947749; -webkit-box-shadow:4px 4px  
4px 4px #947749; box-shadow:4px 4px 4px  
4px #947749 }
```

Background

The CSS property to change the background color of an element to Hex 947749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#947749 }
```

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

```
.background{ background-color:#947749 }
```

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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