

Converting Colors

Hex(9B7A70)

Have a look what the booklet for
Hex(9B7A70) contains.

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Color

Hex(9B7A70)

Conversions

Conversions Part 1

Format	Color
Hex	9B7A70
RGB	155, 122, 112
RGB Percent	61%, 48%, 44%
CMY	0.3922, 0.5216, 0.5608
CMYK	0.00, 0.21, 0.28, 0.39
HSL	14°, 18%, 52%
HSV	14°, 28%, 61%
XYZ	23.4017, 22.0575, 18.3533
YIQ	130.7270, 22.8780, 3.8860

Conversions

Conversions Part 2

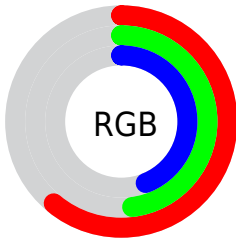
Format	Color
RYB	155, 125, 112
Decimal	10189424
CIELab	54.09, 11.28, 10.36
CIElCh	54, 15.315, 42.575
Yxy	22.0575, 0.3667, 0.3457
Android (android.graphics.Color)	4288379504 (0xFF9B7A70)
YUV	130.7270, -9.2324, 21.2874
Hunter-Lab	46.9654, 6.7528, 9.7062

Details

The Hex color **9B7A70** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **70919B**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **D2AEA4**, and **674940** is the 20% darker color. If you saturate the color by 10%, you get **9B6E61**, and if you desaturate by 10%, it is **9B8680**.

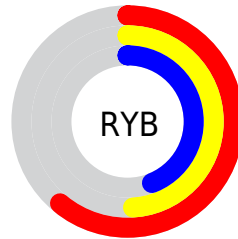
Distribution



Red (61%)

Green (48%)

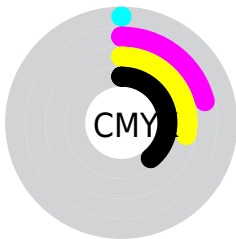
Blue (44%)



Red (61%)

Yellow (49%)

Blue (44%)

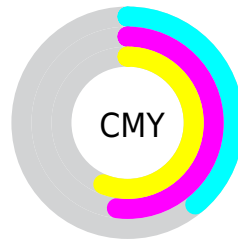


Cyan (0%)

Magenta (21%)

Yellow (28%)

Black (39%)



Cyan (39%)

Magenta (52%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B7A70 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 9B7A70 by changing the saturation by 10% instead.



9B7A70



9B7A70

FFFFFF



816158



D2AEA4



674940



EFCABF



4E332A



FFE6DB



361D16



FFFFF7



220500



000000



9B7A70



9B7A70



9B6E61



9B8680



9B6251



9B928F

 9B5642

 9B9E9F

 9B4A32

 9BAAAE

 9B3F23

 9BB5BE

 9B3313

 9BC1CD

 9B2704

 9BCDDC

 9B2400

 9BD9EC

 9BE5FB

Harmonies

Analogous

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



9D787C



9B7A70



937E68

Triad

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



9B7A70



688879



7A819B

Complementary

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



9B7A70



70919B

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.



69859A



9B7A70



5F8987

Square

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



9B7A70



77866E



5F8893



8A7C95

Rectangle

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



9B7A70



8A8167



5F8893



74829B

Sweetspot

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



9B7A70



C9BDB9



9B7092



665E5C



E6E6E6



666666

Same Dimension

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



9B7A70



C99687



9B8F70



4D4745



8C2100



0D0300

Inverse Universe

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



70919B



87BAC9



707C9B



454B4D



006C8C



000A0D

Previews

White Background



This preview shows how the Hex color 9B7A70 looks on a white background.

Color Contrast Check

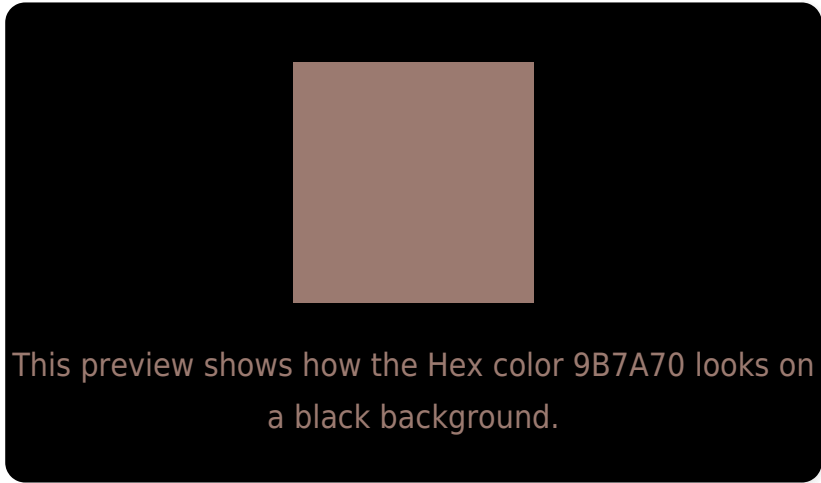
Large Text (above 18pt) WCAG AA ✓ Pass

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

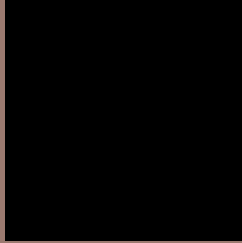
Any Text WCAG AA ✓ Pass

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 9B7A70 Background



This preview shows how black text looks on a background with the Hex color 9B7A70.



This preview shows how white text looks on a background with the Hex color 9B7A70.

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
9B7A70

Protanopia
878174

Deuteranopia
947D6F



Tritanopia
9D7881

Trichromacy



Original Color

9B7A70

Protanomaly

8E7E73

Deuteranomaly

977C6F

Tritanomaly

9C797B

Monochromacy



Original Color

9B7A70

Achromatopsia

838383

Achromatomaly

8C807C

CSS Examples

Text

The CSS property to change the color of the text to Hex 9B7A70 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 #9B7A70 looks like.

```
.text, #text, p{  
    color:#9B7A70  
}
```

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 #9B7A70 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B7A70
}
```

Border

The CSS property to change the border of an element to Hex 9B7A70 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
#9B7A70 }
```

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

```
.border{ border-color:#9B7A70 }
```

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

Here you see how a box with a 4 pixel #9B7A70 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B7A70; -webkit-box-shadow:4px 4px  
4px 4px #9B7A70; box-shadow:4px 4px 4px  
4px #9B7A70 }
```

Background

The CSS property to change the background color of an element to Hex 9B7A70 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B7A70 }
```

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

```
.background{ background-color:#9B7A70 }
```

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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