

Converting Colors

Hex(9B7655)

Have a look what the booklet for
Hex(9B7655) contains.

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Color

Hex(9B7655)

Conversions

Conversions Part 1

Format	Color
Hex	9B7655
RGB	155, 118, 85
RGB Percent	61%, 46%, 33%
CMY	0.3922, 0.5373, 0.6667
CMYK	0.00, 0.24, 0.45, 0.39
HSL	28°, 29%, 47%
HSV	28°, 45%, 61%
XYZ	21.6357, 20.5813, 11.4266
YIQ	125.3010, 32.6450, -2.4190

Conversions

Conversions Part 2

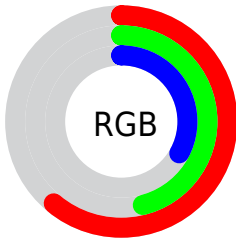
Format	Color
RYB	155, 147, 85
Decimal	10188373
CIELab	52.49, 10.08, 23.75
CIELCh	52, 25.798, 66.992
Yxy	20.5813, 0.4033, 0.3837
Android (android.graphics.Color)	4288378453 (0xFF9B7655)
YUV	125.3010, -19.8684, 26.0460
Hunter-Lab	45.3666, 5.7364, 16.8231

Details

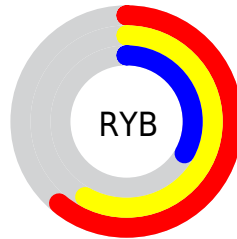
The Hex color **9B7655** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **557A9B**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **D3AA87**, and **664627** is the 20% darker color. If you saturate the color by 10%, you get **9B6E46**, and if you desaturate by 10%, it is **9B7E65**.

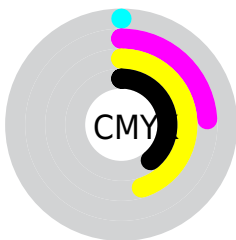
Distribution



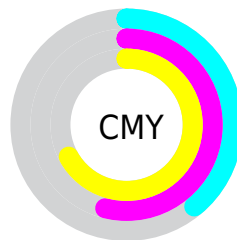
- Red (61%)
- Green (46%)
- Blue (33%)



- Red (61%)
- Yellow (58%)
- Blue (33%)



- Cyan (0%)
- Magenta (24%)
- Yellow (45%)
- Black (39%)



- Cyan (39%)
- Magenta (54%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B7655 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 9B7655 by changing the saturation by 10% instead.

 9B7655

 9B7655

FFFFFF

 805D3D

 D3AA87

 664627

 F0C5A1

 4C2F12

 FFE1BC

 351A00

 FFFED8

 1D0100

 FFFFF5

 000000

 9B7655

 9B7655

 9B6E46

 9B7E65

 9B6636

 9B8674

■ 9B5D27

■ 9B8F84

■ 9B5517

■ 9B9793

■ 9B4D08

■ 9B9FA3

■ 9B4900

■ 9BA7B2

■ 9BAFC2

■ 9BB8D1

■ 9BC0E1

Harmonies

Analogous

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



A76F64



9B7655



877E51

Triad

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



9B7655



3C8982



8776A1

Complementary

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



9B7655



557A9B

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.



677EA9



9B7655



328897

Square

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



9B7655



55886B



4684A5



9E6F8F

Rectangle

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



9B7655



788255



4684A5



7D78A5

Sweetspot

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



9B7655



C9BBAD



9B557A



665D55



E6E6E6



666666

Same Dimension

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



9B7655



C9905D



9B9955



4D4845



8C4200



0D0600

Inverse Universe

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



557A9B



5D96C9



55579B



45494D



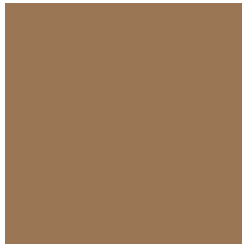
004A8C



00070D

Previews

White Background



This preview shows how the Hex color 9B7655 looks on a white background.

Color Contrast Check

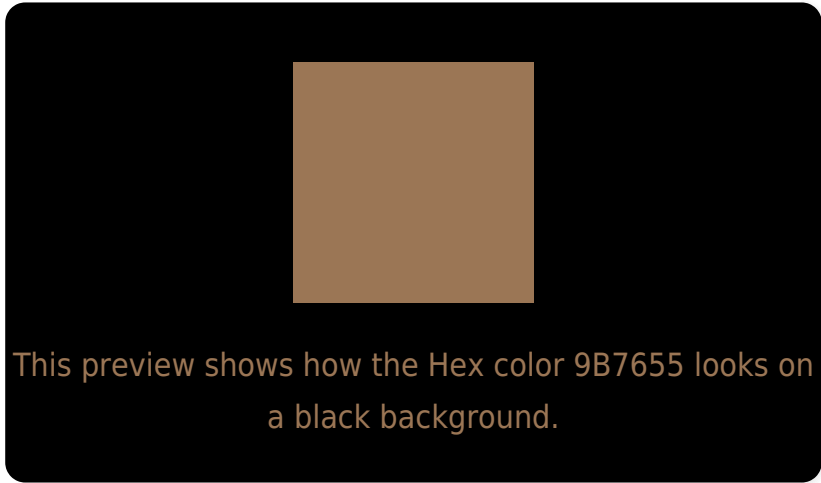
Large Text (above 18pt) WCAG AA ✓ Pass

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

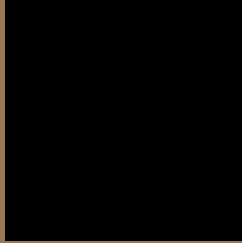
Any Text WCAG AA ✓ Pass

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 9B7655 Background



This preview shows how black text looks on a background with the Hex color 9B7655.



This preview shows how white text looks on a background with the Hex color 9B7655.

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
9B7655

Protanopia
877D58

Deuteranopia
967855



Tritanopia
9E717A

Trichromacy



Original Color
9B7655

Protanomaly
8E7A57

Deuteranomaly
987755

Tritanomaly
9D736D

Monochromacy



Original Color
9B7655

Achromatopsia
7D7D7D

Achromatomaly
887A6E

CSS Examples

Text

The CSS property to change the color of the text to Hex 9B7655 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 #9B7655 looks like.

```
.text, #text, p{  
    color:#9B7655  
}
```

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 #9B7655 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B7655
}
```

Border

The CSS property to change the border of an element to Hex 9B7655 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
#9B7655 }
```

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

```
.border{ border-color:#9B7655 }
```

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

Here you see how a box with a 4 pixel #9B7655 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B7655; -webkit-box-shadow:4px 4px  
4px 4px #9B7655; box-shadow:4px 4px 4px  
4px #9B7655 }
```

Background

The CSS property to change the background color of an element to Hex 9B7655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B7655 }
```

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

```
.background{ background-color:#9B7655 }
```

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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