

Converting Colors

Hex(9E7B56)

Have a look what the booklet for
Hex(9E7B56) contains.

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Color

Hex(9E7B56)

Conversions

Conversions Part 1

Format	Color
Hex	9E7B56
RGB	158, 123, 86
RGB Percent	62%, 48%, 34%
CMY	0.3804, 0.5176, 0.6627
CMYK	0.00, 0.22, 0.46, 0.38
HSL	31°, 30%, 48%
HSV	31°, 46%, 62%
XYZ	22.8632, 22.1069, 11.8661
YIQ	129.2470, 32.7370, -4.0870

Conversions

Conversions Part 2

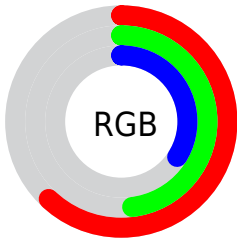
Format	Color
RYB	154, 158, 86
Decimal	10386262
CIELab	54.14, 8.63, 25.40
CIELCh	54, 26.826, 71.234
Yxy	22.1069, 0.4023, 0.3890
Android (android.graphics.Color)	4288576342 (0xFF9E7B56)
YUV	129.2470, -21.3208, 25.2164
Hunter-Lab	47.0180, 4.5169, 17.9493

Details

The Hex color **9E7B56** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **56799E**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **D6AF88**, and **694A28** is the 20% darker color. If you saturate the color by 10%, you get **9E7346**, and if you desaturate by 10%, it is **9E8366**.

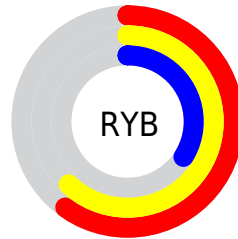
Distribution



Red (62%)

Green (48%)

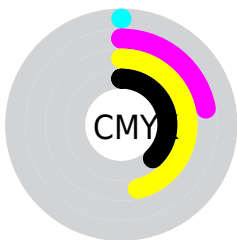
Blue (34%)



Red (60%)

Yellow (62%)

Blue (34%)

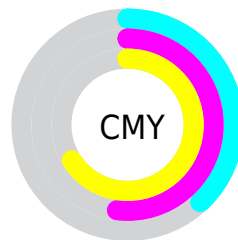


Cyan (0%)

Magenta (22%)

Yellow (46%)

Black (38%)



Cyan (38%)

Magenta (52%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9E7B56 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 9E7B56 by changing the saturation by 10% instead.

 9E7B56

 9E7B56

FFFFFF

 83623E

 D6AF88

 694A28

 F3CBA3

 4F3412

 FFE7BE

 371E00

 FFFFDA

 1F0800

 FFFFF6

 000000

 9E7B56

 9E7B56

 9E7346

 9E8366

 9E6C36

 9E8A76

 9E6427

 9E9285

 9E5C17

 9E9A95

 9E5507

 9EA1A5

 9E5100

 9EA9B5

 9EB1C5

 9EB8D4

 9EC0E4

Harmonies

Analogous

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



AC7464



9E7B56



898354

Triad

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



9E7B56



3A8E8A



9078A4

Complementary

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



9E7B56



56799E

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.



6F81AF



9E7B56



338C9F

Square

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



9E7B56



538D72



4C88AD



A67291

Rectangle

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



9E7B56



788759



4C88AD



867BA9

Sweetspot

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



9E7B56



CFC0B2



9E567A



696057



E8E8E8



696969

Same Dimension

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



9E7B56



CF975D



9E9E56



4F4B47



8F4900



0F0800

Inverse Universe

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



56799E



5D94CF



56569E



474B4F



00458F



00070F

Previews

White Background



This preview shows how the Hex color 9E7B56 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 9E7B56 Background



This preview shows how black text looks on a background with the Hex color 9E7B56.



This preview shows how white text looks on a background with the Hex color 9E7B56.

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
9E7B56

Protanopia
8C8259

Deuteranopia
9C7C56



Tritanopia
A2767F

Trichromacy



Original Color
9E7B56

Protanomaly
937F58

Deuteranomaly
9D7C56

Tritanomaly
A17870

Monochromacy



Original Color
9E7B56

Achromatopsia
818181

Achromatomaly
8C7F71

CSS Examples

Text

The CSS property to change the color of the text to Hex 9E7B56 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 #9E7B56 looks like.

```
.text, #text, p{  
    color:#9E7B56  
}
```

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 #9E7B56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9E7B56
}
```

Border

The CSS property to change the border of an element to Hex 9E7B56 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
#9E7B56 }
```

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

```
.border{ border-color:#9E7B56 }
```

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

Here you see how a box with a 4 pixel #9E7B56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9E7B56; -webkit-box-shadow:4px 4px  
4px 4px #9E7B56; box-shadow:4px 4px 4px  
4px #9E7B56 }
```

Background

The CSS property to change the background color of an element to Hex 9E7B56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9E7B56 }
```

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

```
.background{ background-color:#9E7B56 }
```

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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