

Converting Colors

Hex(9B7840)

Have a look what the booklet for
Hex(9B7840) contains.

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Color

Hex(9B7840)

Conversions

Conversions Part 1

Format	Color
Hex	9B7840
RGB	155, 120, 64
RGB Percent	61%, 47%, 25%
CMY	0.3922, 0.5294, 0.7490
CMYK	0.00, 0.23, 0.59, 0.39
HSL	37°, 42%, 43%
HSV	37°, 59%, 61%
XYZ	21.1595, 20.7717, 7.7446
YIQ	124.0810, 38.8360, -9.9960

Conversions

Conversions Part 2

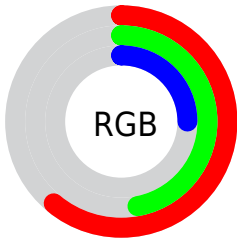
Format	Color
RYB	121, 155, 64
Decimal	10188864
CIELab	52.70, 6.92, 35.58
CIELCh	53, 36.247, 78.995
Yxy	20.7717, 0.4260, 0.4181
Android (android.graphics.Color)	4288378944 (0xFF9B7840)
YUV	124.0810, -29.6199, 27.1160
Hunter-Lab	45.5759, 3.1139, 21.8282

Details

The Hex color **9B7840** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **40639B**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **D4AC71**, and **654811** is the 20% darker color. If you saturate the color by 10%, you get **9B7231**, and if you desaturate by 10%, it is **9B7E50**.

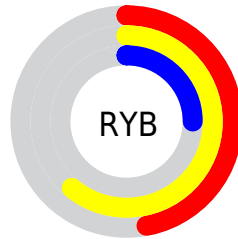
Distribution



Red (61%)

Green (47%)

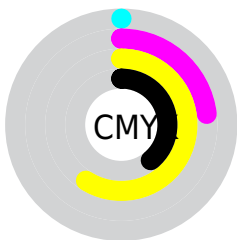
Blue (25%)



Red (47%)

Yellow (61%)

Blue (25%)

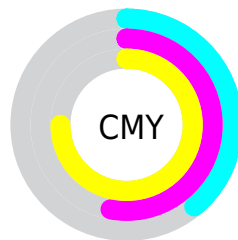


Cyan (0%)

Magenta (23%)

Yellow (59%)

Black (39%)



Cyan (39%)

Magenta (53%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B7840 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 9B7840 by changing the saturation by 10% instead.

 9B7840

 9B7840

FFFFFF

 805F28

 D4AC71

 654811

 F1C78B

 4B3100

 FFE3A6

 321D00

 FFFFC1

 1A0400

 FFFFDE

 000000

 FFFFFA

 9B7840

 9B7840

 9B7231

 9B7E50

 9B6C21

 9B845F

 9B6612

 9B8A6E

 9B6002

 9B907E

 9B5F00

 9B968E

 9B9C9D

 9BA2AD

 9BA8BC

 9BAECB

Harmonies

Analogous

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



B06D50



9B7840



7D8241

Triad

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



9B7840



008E91



996EA7

Complementary

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



9B7840



40639B

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.



6F7AB9



9B7840



008BAC

Square

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



9B7840



298D71



2F84BA



B2668B

Rectangle

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



9B7840



66874C



2F84BA



8D72AE

Sweetspot

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



9B7840



C9BCA5



9B4064



665D50



E6E6E6



666666

Same Dimension

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



9B7840



C9933C



929B40



4D4A45



8C5600



0D0800

Inverse Universe

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



40639B



3C73C9



49409B



45484D



00368C



00050D

Previews

White Background



This preview shows how the Hex color 9B7840 looks on a white background.

Color Contrast Check

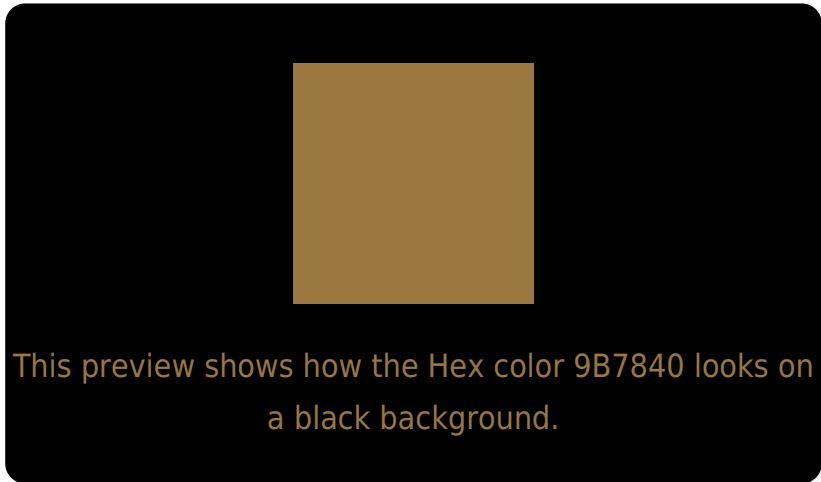
Large Text (above 18pt) WCAG AA ✓ Pass

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

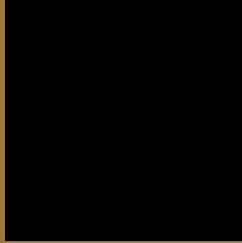
Any Text WCAG AA ✓ Pass

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 9B7840 Background



This preview shows how black text looks on a background with the Hex color 9B7840.



This preview shows how white text looks on a background with the Hex color 9B7840.

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
9B7840

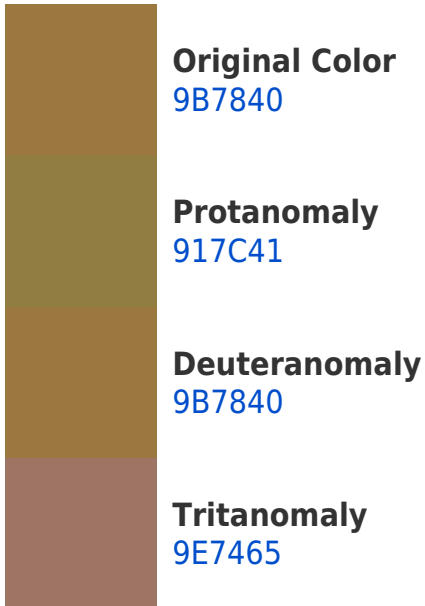
Protanopia
8B7E42

Deuteranopia
9B7840

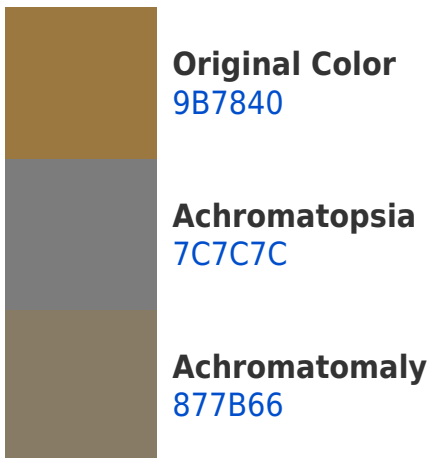


Tritanopia
A0717A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9B7840 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 #9B7840 looks like.

```
.text, #text, p{  
    color:#9B7840  
}
```

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 #9B7840 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B7840
}
```

Border

The CSS property to change the border of an element to Hex 9B7840 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
#9B7840 }
```

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

```
.border{ border-color:#9B7840 }
```

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

Here you see how a box with a 4 pixel #9B7840 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B7840; -webkit-box-shadow:4px 4px  
4px 4px #9B7840; box-shadow:4px 4px 4px  
4px #9B7840 }
```

Background

The CSS property to change the background color of an element to Hex 9B7840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B7840 }
```

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

```
.background{ background-color:#9B7840 }
```

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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