

Converting Colors

Hex(9B7B03)

Have a look what the booklet for
Hex(9B7B03) contains.

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Color

Hex(9B7B03)

Conversions

Conversions Part 1

Format	Color
Hex	9B7B03
RGB	155, 123, 3
RGB Percent	61%, 48%, 1%
CMY	0.3922, 0.5176, 0.9882
CMYK	0.00, 0.21, 0.98, 0.39
HSL	47°, 96%, 31%
HSV	47°, 98%, 61%
XYZ	20.6170, 21.1411, 3.0801
YIQ	118.8880, 57.5920, -30.5360

Conversions

Conversions Part 2

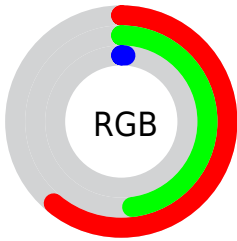
Format	Color
RYB	44, 155, 3
Decimal	10189571
CIELab	53.10, 2.56, 58.20
CIElCh	53, 58.261, 87.479
Yxy	21.1411, 0.4598, 0.4715
Android (android.graphics.Color)	4288379651 (0xFF9B7B03)
YUV	118.8880, -57.1328, 31.6702
Hunter-Lab	45.9794, -0.4253, 28.2138

Details

The Hex color **9B7B03** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **03239B**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **D5AF44**, and **634B00** is the 20% darker color. If you saturate the color by 10%, you get **9B7A00**, and if you desaturate by 10%, it is **9B7E12**.

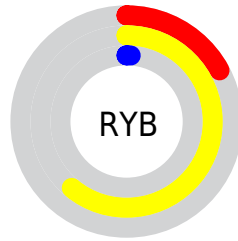
Distribution



Red (61%)

Green (48%)

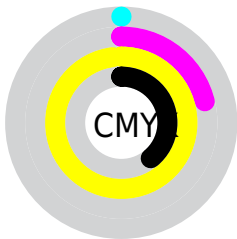
Blue (1%)



Red (17%)

Yellow (61%)

Blue (1%)

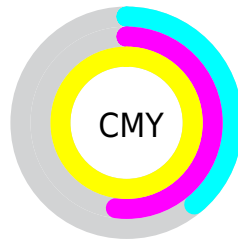


Cyan (0%)

Magenta (21%)

Yellow (98%)

Black (39%)



Cyan (39%)

Magenta (52%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B7B03 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 9B7B03 by changing the saturation by 10% instead.



9B7B03



9B7B03

FFFFFF



7F6200



D5AF44



634B00



F3CA5E



483400



FFE679



2E2000



FFFF94



150900



FFFFB0



000000



FFFACC



FFFFE9



9B7B03



9B7B03

■ 9B7A00

■ 9B7E12

■ 9B8222

■ 9B8531

■ 9B8841

■ 9B8B50

■ 9B8F60

■ 9B926F

■ 9B957F

■ 9B988E

Harmonies

Analogous

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



C16728



9B7B03



6A8919

Triad

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



9B7B03



0096AC



B75CB5

Complementary

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



9B7B03



03239B

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.



7673D8



9B7B03



0091D3

Square

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



9B7B03



009679



0086E3



D54D85

Rectangle

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



9B7B03



3E9036



0086E3



A664C3

Sweetspot

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



9B7B03



C9BD8F



9B0324



665E42



E6E6E6



666666

Same Dimension

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



9B7B03



C99F00



709B03



4D4B45



8C6F00



0D0A00

Inverse Universe

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



03239B



002AC9



2E039B



45464D



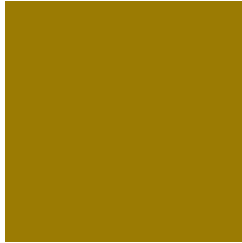
001E8C



00030D

Previews

White Background



This preview shows how the Hex color 9B7B03 looks on a white background.

Color Contrast Check

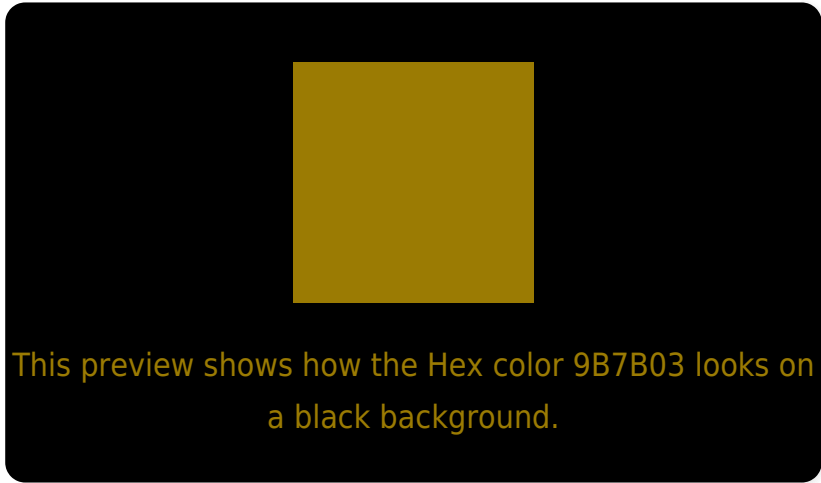
Large Text (above 18pt) WCAG AA ✓ Pass

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 9B7B03 Background



This preview shows how black text looks on a background with the Hex color 9B7B03.

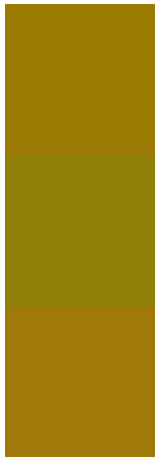


This preview shows how white text looks on a background with the Hex color 9B7B03.

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
9B7B03

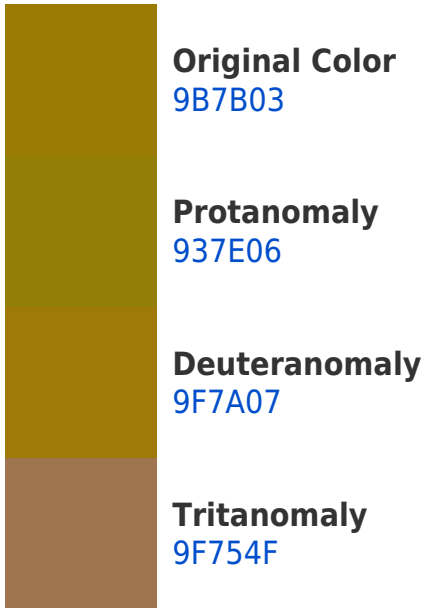
Protanopia
8F7F08

Deuteranopia
A1790A

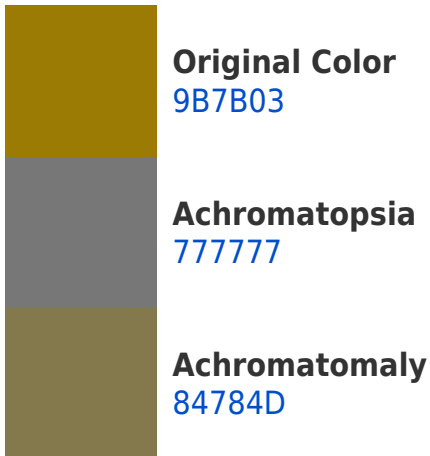


Tritanopia
A1727B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9B7B03 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 #9B7B03 looks like.

```
.text, #text, p{  
    color:#9B7B03  
}
```

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 #9B7B03 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B7B03  
}
```

Border

The CSS property to change the border of an element to Hex 9B7B03 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  
#9B7B03 }
```

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

```
.border{ border-color:#9B7B03 }
```

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

Here you see how a box with a 4 pixel #9B7B03 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B7B03; -webkit-box-shadow:4px 4px  
4px 4px #9B7B03; box-shadow:4px 4px 4px  
4px #9B7B03 }
```

Background

The CSS property to change the background color of an element to Hex 9B7B03 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B7B03 }
```

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

```
.background{ background-color:#9B7B03 }
```

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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