

Converting Colors

Hex(9B731E)

Have a look what the booklet for
Hex(9B731E) contains.

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Color

Hex(9B731E)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 9B731E |
| RGB | 155, 115, 30 |
| RGB Percent | 61%, 45%, 12% |
| CMY | 0.3922, 0.5490, 0.8824 |
| CMYK | 0.00, 0.26, 0.81, 0.39 |
| HSL | 41°, 68%, 36% |
| HSV | 41°, 81%, 61% |
| XYZ | 19.8826, 19.3238, 3.9102 |
| YIQ | 117.2700, 51.1250, -17.9550 |

Conversions

Conversions Part 2

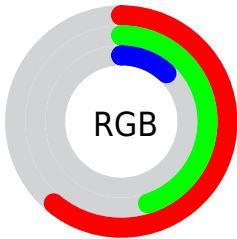
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 89, 155, 30 |
| Decimal | 10187550 |
| CIE _{Lab} | 51.06, 7.74, 49.64 |
| CIE _{LCh} | 51, 50.243, 81.134 |
| Yxy | 19.3238, 0.4611, 0.4482 |
| Android (android.graphics.Color) | 4288377630 (0xFF9B731E) |
| YUV | 117.2700, -43.0241, 33.0892 |
| Hunter-Lab | 43.9588, 3.8080, 25.4972 |

Details

The Hex color **9B731E** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **1E469B**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **D5A752**, and **644300** is the 20% darker color. If you saturate the color by 10%, you get **9B6E0F**, and if you desaturate by 10%, it is **9B782E**.

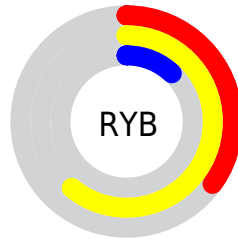
Distribution



Red (61%)

Green (45%)

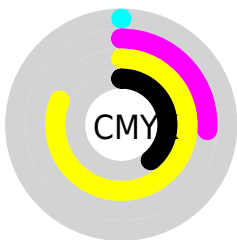
Blue (12%)



Red (35%)

Yellow (61%)

Blue (12%)

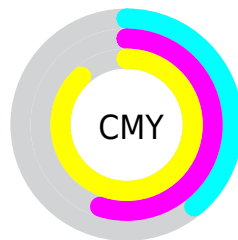


Cyan (0%)

Magenta (26%)

Yellow (81%)

Black (39%)



Cyan (39%)

Magenta (55%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9B731E 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 9B731E by changing the saturation by 10% instead.

 9B731E

 9B731E

FFFFFF

 7F5B00

 D5A752

 644300

 F3C26B

 482D00

 FFDE86

 2F1900

 FFFAA1

 160000

 FFFFBC

 000000

 FFFF80

 FFFFF5

 9B731E

 9B731E

■ 9B6E0F

■ 9B782E

■ 9B6900

■ 9B7D3D

■ 9B824D

■ 9B875C

■ 9B8C6C

■ 9B917B

■ 9B968B

■ 9B9B9A

■ 9BA0AA

Harmonies

Analogous

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



B96238



9B731E



738122

Triad

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



9B731E



008E97



A161B0

Complementary

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



9B731E



1E469B

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.



6374CA



9B731E



008BBC

Square

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



9B731E



008E6B



0082CE



C15388

Rectangle

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



9B731E



528735



0082CE



9167BB

Sweetspot

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



9B731E



C9BA99



9B1E48



665D48



E6E6E6



666666

Same Dimension

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



9B731E



C98B06



869B1E



4D4A45



8C5F00



0D0900

Inverse Universe

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



1E469B



0645C9



331E9B



45474D



002D8C



00040D

Previews

White Background



This preview shows how the Hex color 9B731E looks on a white background.

Color Contrast Check

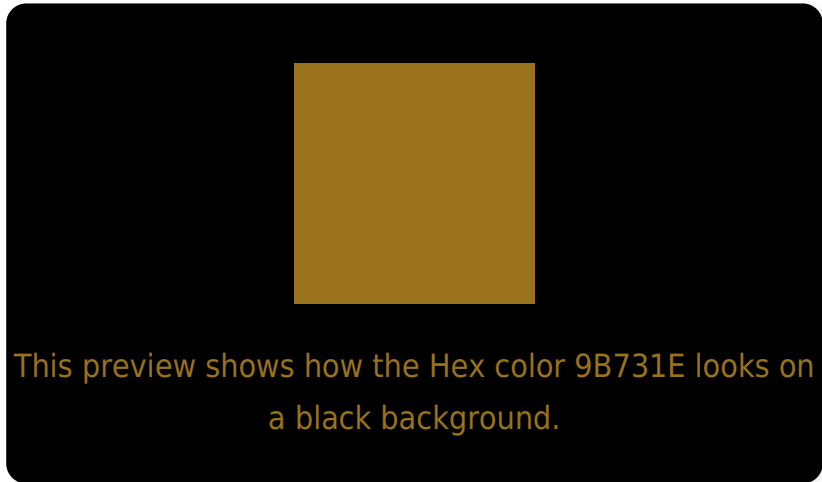
Large Text (above 18pt) WCAG AA ✓ Pass

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 9B731E Background



This preview shows how black text looks on a background with the Hex color 9B731E.



This preview shows how white text looks on a background with the Hex color 9B731E.

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
9B731E

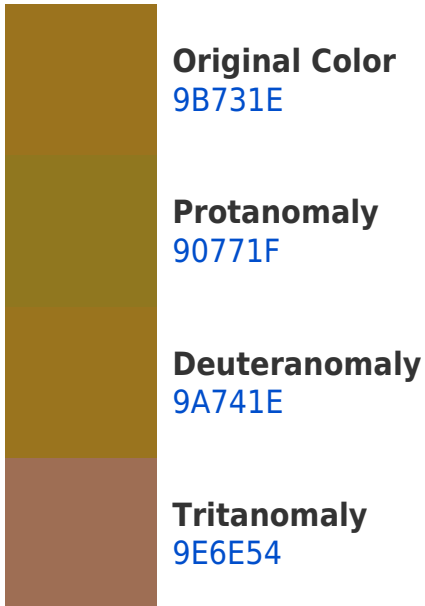
Protanopia
897A20

Deuteranopia
99741E

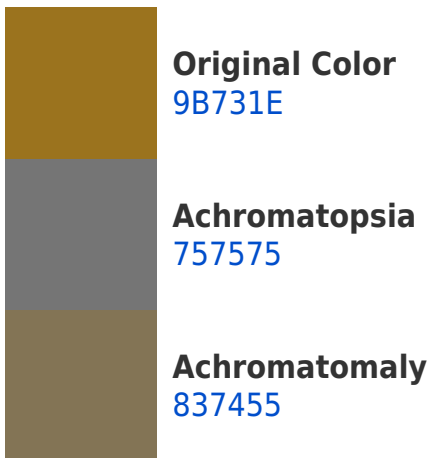


Tritanopia
A06B73

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 9B731E 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 #9B731E looks like.

```
.text, #text, p{  
    color:#9B731E  
}
```

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 #9B731E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9B731E
}
```

Border

The CSS property to change the border of an element to Hex 9B731E is called "border". The border property can be set on classes, ids or directly on the HTML element.

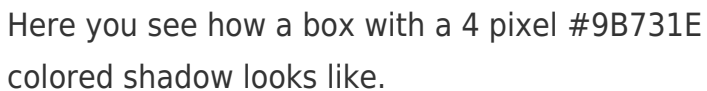
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#9B731E }
```

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

```
.border{ border-color:#9B731E }
```

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



Here you see how a box with a 4 pixel #9B731E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9B731E; -webkit-box-shadow:4px 4px  
4px 4px #9B731E; box-shadow:4px 4px 4px  
4px #9B731E }
```

Background

The CSS property to change the background color of an element to Hex 9B731E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9B731E }
```

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

```
.background{ background-color:#9B731E }
```

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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