

Converting Colors

Hex(98731E)

Have a look what the booklet for
Hex(98731E) contains.

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Color

Hex(98731E)

Conversions

Conversions Part 1

Format	Color
Hex	98731E
RGB	152, 115, 30
RGB Percent	60%, 45%, 12%
CMY	0.4039, 0.5490, 0.8824
CMYK	0.00, 0.24, 0.80, 0.40
HSL	42°, 67%, 36%
HSV	42°, 80%, 60%
XYZ	19.3140, 19.0306, 3.8836
YIQ	116.3730, 49.3370, -18.5910

Conversions

Conversions Part 2

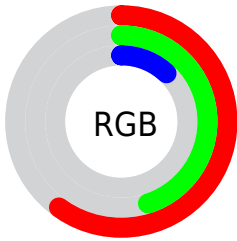
Format	Color
R _Y B	83, 152, 30
Decimal	9990942
CIE Lab	50.72, 6.36, 49.20
CIE LCh	51, 49.614, 82.640
Yxy	19.0306, 0.4574, 0.4507
Android (android.graphics.Color)	4288181022 (0xFF98731E)
YUV	116.3730, -42.5819, 31.2449
Hunter-Lab	43.6241, 2.6863, 25.2586

Details

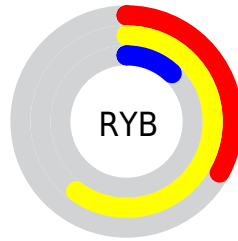
The Hex color **98731E** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **1E4398**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **D2A751**, and **614300** is the 20% darker color. If you saturate the color by 10%, you get **986E0F**, and if you desaturate by 10%, it is **98782D**.

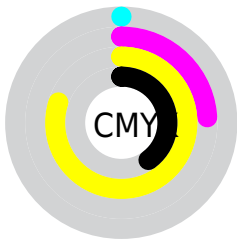
Distribution



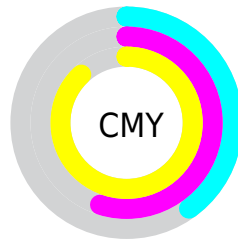
- Red (60%)
- Green (45%)
- Blue (12%)



- Red (33%)
- Yellow (60%)
- Blue (12%)



- Cyan (0%)
- Magenta (24%)
- Yellow (80%)
- Black (40%)



- Cyan (40%)
- Magenta (55%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Hex color 98731E 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 98731E by changing the saturation by 10% instead.

 98731E

 98731E

FFFFFF

 7C5B00

 D2A751

 614300

 EFC26B

 462D00

 FFDE86

 2C1900

 FFFAA0

 120000

 FFFFBC

 000000

 FFFFD8

 FFFFF5

 98731E

 98731E

■ 986E0F

■ 98782D

■ 986A00

■ 987C3C

■ 98814C

■ 98855B

■ 988A6A

■ 988F79

■ 989388

■ 989898

■ 989CA7

Harmonies

Analogous

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



B66236



98731E



708023

Triad

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



98731E



008D98



A260AD

Complementary

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



98731E



1E4398

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.



6772C7



98731E



0089BB

Square

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



98731E



008D6D



0081CD



C05385

Rectangle

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



98731E



4F8637



0081CD



9266B7

Sweetspot

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



98731E



C4B695



981E45



635B47



E3E3E3



636363

Same Dimension

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



98731E



C48B08



82981E



4D4A45



8C6200



0D0900

Inverse Universe

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



1E4398



0841C4



341E98



45474D



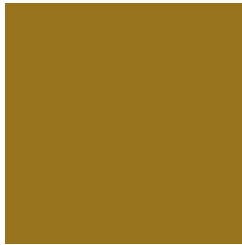
002B8C



00040D

Previews

White Background



This preview shows how the Hex color 98731E looks on a white background.

Color Contrast Check

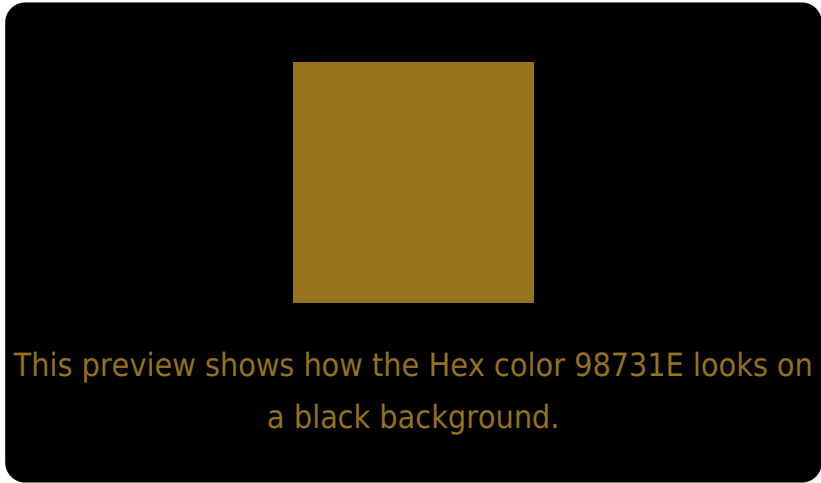
Large Text (above 18pt) WCAG AA ✓ Pass

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 98731E Background



This preview shows how black text looks on a background with the Hex color 98731E.



This preview shows how white text looks on a background with the Hex color 98731E.

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
98731E

Protanopia
887920

Deuteranopia
98731E

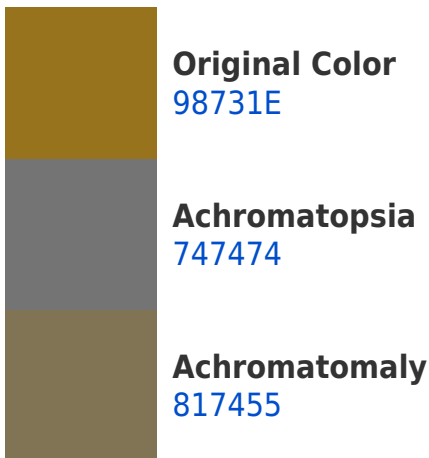


Tritanopia
9D6B73

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 98731E 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 #98731E looks like.

```
.text, #text, p{  
    color:#98731E  
}
```

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 #98731E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98731E
}
```

Border

The CSS property to change the border of an element to Hex 98731E 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
#98731E }
```

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

```
.border{ border-color:#98731E }
```

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

Here you see how a box with a 4 pixel #98731E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98731E; -webkit-box-shadow:4px 4px  
4px 4px #98731E; box-shadow:4px 4px 4px  
4px #98731E }
```

Background

The CSS property to change the background color of an element to Hex 98731E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98731E }
```

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

```
.background{ background-color:#98731E }
```

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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