

Converting Colors

Hex(98701D)

Have a look what the booklet for
Hex(98701D) contains.

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Color

Hex(98701D)

Conversions

Conversions Part 1

Format	Color
Hex	98701D
RGB	152, 112, 29
RGB Percent	60%, 44%, 11%
CMY	0.4039, 0.5608, 0.8863
CMYK	0.00, 0.26, 0.81, 0.40
HSL	40°, 68%, 35%
HSV	40°, 81%, 60%
XYZ	18.9648, 18.3524, 3.7052
YIQ	114.4980, 50.4830, -17.3330

Conversions

Conversions Part 2

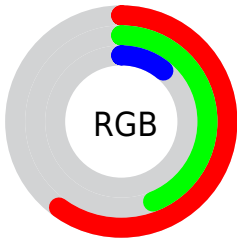
Format	Color
RYB	88, 152, 29
Decimal	9990173
CIELab	49.92, 8.03, 48.85
CIELCh	50, 49.502, 80.663
Yxy	18.3524, 0.4623, 0.4474
Android (android.graphics.Color)	4288180253 (0xFF98701D)
YUV	114.4980, -42.1505, 32.8893
Hunter-Lab	42.8398, 4.0510, 24.8598

Details

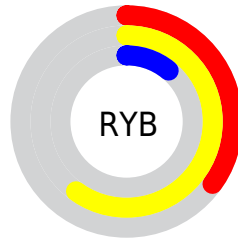
The Hex color **98701D** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **1D4598**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **D2A350**, and **614100** is the 20% darker color. If you saturate the color by 10%, you get **986B0E**, and if you desaturate by 10%, it is **98752C**.

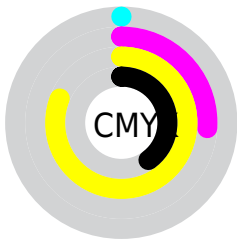
Distribution



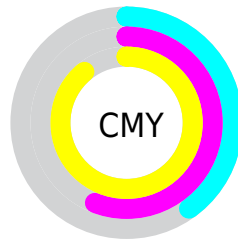
- Red (60%)
- Green (44%)
- Blue (11%)



- Red (35%)
- Yellow (60%)
- Blue (11%)



- Cyan (0%)
- Magenta (26%)
- Yellow (81%)
- Black (40%)



- Cyan (40%)
- Magenta (56%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 98701D 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 98701D by changing the saturation by 10% instead.

 98701D

 98701D

FFFFFF

 7C5800

 D2A350

 614100

 F0BE6A

 462B00

 FFDA84

 2C1600

 FFF79F

 120000

 FFFFBB

 000000

 FFFFD7

 FFFFF4

 98701D

 98701D

■ 986B0E

■ 98752C

■ 986700

■ 987A3B

■ 987F4B

■ 98845A

■ 988969

■ 988E78

■ 989387

■ 989897

■ 989CA6

Harmonies

Analogous

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



B55F36



98701D



717D20

Triad

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



98701D



008B93



9D5FAD

Complementary

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



98701D



1D4598

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.



6071C6



98701D



0088B7

Square

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



98701D



008A68



007FCA



BC5186

Rectangle

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



98701D



518433



007FCA



8C65B7

Sweetspot

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



98701D



C4B595



981D46



635A47



E3E3E3



636363

Same Dimension

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



98701D



C48606



84981D



4D4A45



8C5F00



0D0900

Inverse Universe

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



1D4598



0644C4



311D98



45474D



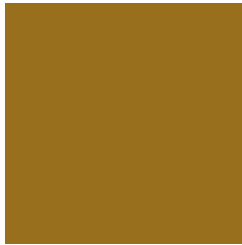
002E8C



00040D

Previews

White Background



This preview shows how the Hex color 98701D looks on a white background.

Color Contrast Check

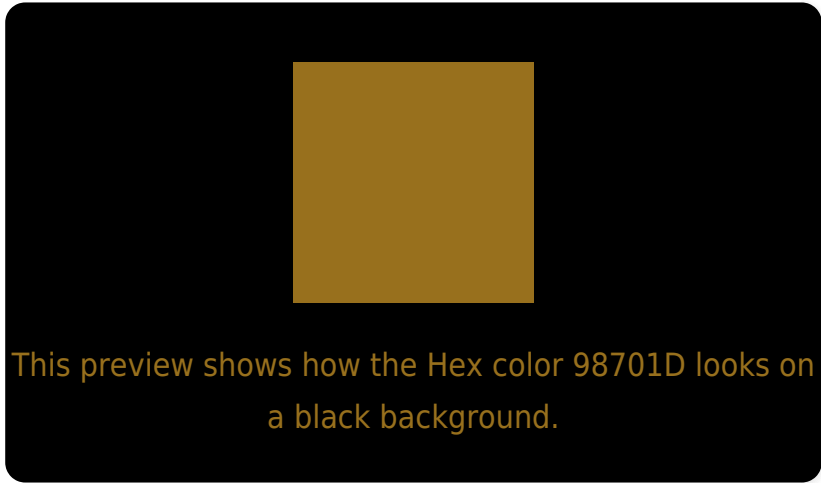
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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 98701D Background



This preview shows how black text looks on a background with the Hex color 98701D.



This preview shows how white text looks on a background with the Hex color 98701D.

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
98701D

Protanopia
86771F

Deuteranopia
96711D

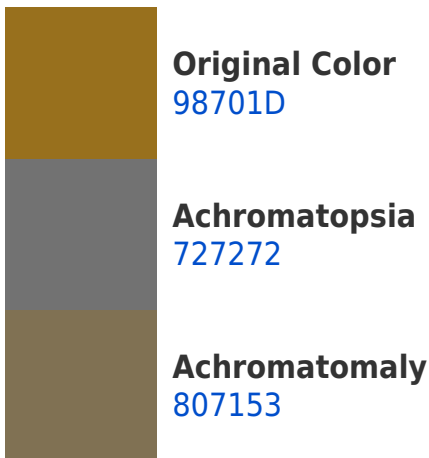


Tritanopia
9D6870

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 98701D 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 #98701D looks like.

```
.text, #text, p{  
    color:#98701D  
}
```

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 #98701D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98701D
}
```

Border

The CSS property to change the border of an element to Hex 98701D 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
#98701D }
```

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

```
.border{ border-color:#98701D }
```

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

Here you see how a box with a 4 pixel #98701D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98701D; -webkit-box-shadow:4px 4px  
4px 4px #98701D; box-shadow:4px 4px 4px  
4px #98701D }
```

Background

The CSS property to change the background color of an element to Hex 98701D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98701D }
```

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

```
.background{ background-color:#98701D }
```

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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