

Converting Colors

Hex(98540B)

Have a look what the booklet for
Hex(98540B) contains.

Hex(98540B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(98540B)

Conversions

Conversions Part 1

Format	Color
Hex	98540B
RGB	152, 84, 11
RGB Percent	60%, 33%, 4%
CMY	0.4039, 0.6706, 0.9569
CMYK	0.00, 0.45, 0.93, 0.40
HSL	31°, 87%, 32%
HSV	31°, 93%, 60%
XYZ	16.1796, 13.0402, 1.9809
YIQ	96.0100, 63.9610, -8.2870

Conversions

Conversions Part 2

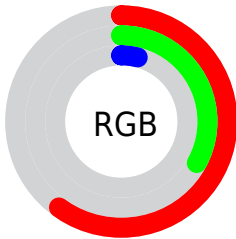
Format	Color
R_{YB}	142, 152, 11
Decimal	9982987
CIE Lab	42.82, 23.56, 48.82
CIE LCh	43, 54.205, 64.242
Yxy	13.0402, 0.5186, 0.4179
Android (android.graphics.Color)	4288173067 (0xFF98540B)
YUV	96.0100, -41.9099, 49.1032
Hunter-Lab	36.1112, 16.7822, 22.0255

Details

The Hex color **98540B** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **0B4F98**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **D38640**, and **5F2600** is the 20% darker color. If you saturate the color by 10%, you get **984F00**, and if you desaturate by 10%, it is **985B1A**.

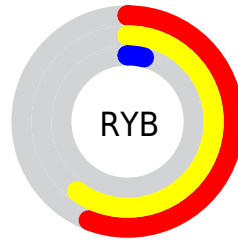
Distribution



Red (60%)

Green (33%)

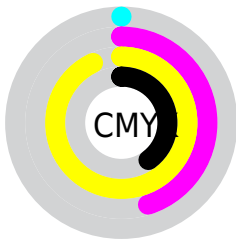
Blue (4%)



Red (56%)

Yellow (60%)

Blue (4%)

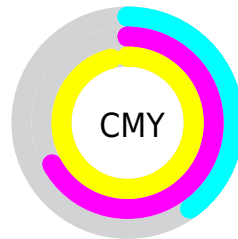


Cyan (0%)

Magenta (45%)

Yellow (93%)

Black (40%)



Cyan (40%)

Magenta (67%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Hex color 98540B 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 98540B by changing the saturation by 10% instead.

 98540B

 98540B

FFFFFFD

 7B3C00

 D38640

 5F2600

 F2A159

 431000

 FFBC73

 2A0000

 FFD88D

 000000

 FFF4A8

 FFFFC4

 FFFFEO

 98540B

 98540B

■ 984F00

■ 985B1A

■ 986329

■ 986A39

■ 987148

■ 987957

■ 988066

■ 988775

■ 988F85

■ 989694

Harmonies

Analogous

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



AF4035



98540B



746500

Triad

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



98540B



00796A



6D56B0

Complementary

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



98540B



0B4F98

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.



0069BF



98540B



007997

Square

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



98540B



00773C



0074B6



9F408D

Rectangle

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



98540B



576D00



0074B6



525DB7

Sweetspot

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



98540B



C4AA8D



980B4F



635342



E3E3E3



636363

Same Dimension

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



98540B



C46600



96980B



4D4945



8C4900



0D0700

Inverse Universe

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



0B4F98



005FC4



0D0B98



45494D



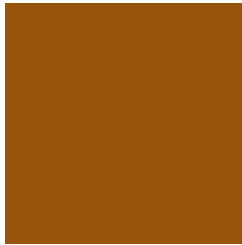
00448C



00060D

Previews

White Background



This preview shows how the Hex color 98540B looks on a white background.

Color Contrast Check

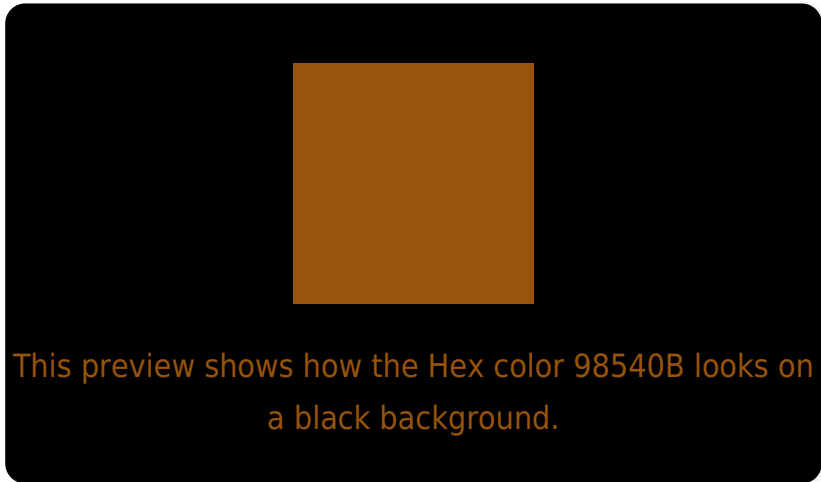
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 98540B Background



This preview shows how black text looks on a background with the Hex color 98540B.



This preview shows how white text looks on a background with the Hex color 98540B.

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
98540B

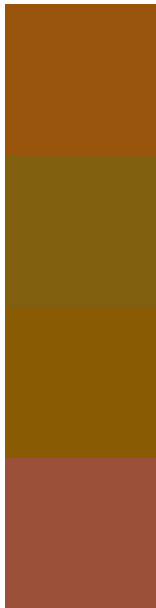
Protanopia
736611

Deuteranopia
816100



Tritanopia
9B4E54

Trichromacy



Original Color
98540B

Protanomaly
805F0F

Deuteranomaly
895C04

Tritanomaly
9A5039

Monochromacy



Original Color
98540B

Achromatopsia
606060

Achromatomaly
745C41

CSS Examples

Text

The CSS property to change the color of the text to Hex 98540B 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 #98540B looks like.

```
.text, #text, p{  
    color:#98540B  
}
```

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 #98540B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98540B
}
```

Border

The CSS property to change the border of an element to Hex 98540B is called "border". The border property can be set on classes, ids or directly on the HTML element.

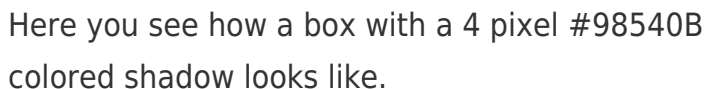
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#98540B }
```

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

```
.border{ border-color:#98540B }
```

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

A rectangular box with a 4px orange shadow. The box is white with a thin orange border. The shadow is a solid orange color, 4 pixels wide and 4 pixels high, extending from the bottom and right sides of the box.

Here you see how a box with a 4 pixel #98540B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98540B; -webkit-box-shadow:4px 4px  
4px 4px #98540B; box-shadow:4px 4px 4px  
4px #98540B }
```

Background

The CSS property to change the background color of an element to Hex 98540B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98540B }
```

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

```
.background{ background-color:#98540B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor