

# Converting Colors

Hex(97581B)

Have a look what the booklet for  
Hex(97581B) contains.

<b>Hex(97581B)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(97581B)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	97581B
RGB	151, 88, 27
RGB Percent	59%, 35%, 11%
CMY	0.4078, 0.6549, 0.8941
CMYK	0.00, 0.42, 0.82, 0.41
HSL	30°, 70%, 35%
HSV	30°, 82%, 59%
XYZ	16.4501, 13.6379, 2.8023
YIQ	99.8830, 57.1290, -5.6150

# Conversions

## Conversions Part 2

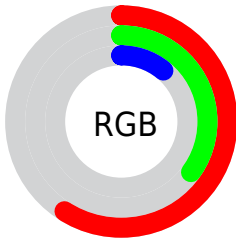
<b>Format</b>	<b>Color</b>
<b>RYB</b>	151, 147, 27
Decimal	9918491
CIELab	43.71, 21.28, 43.90
CIELCh	44, 48.781, 64.143
Yxy	13.6379, 0.5002, 0.4146
Android (android.graphics.Color)	4288108571 (0xFF97581B)
YUV	99.8830, -35.9313, 44.8296
Hunter-Lab	36.9295, 14.8852, 21.3516

# Details

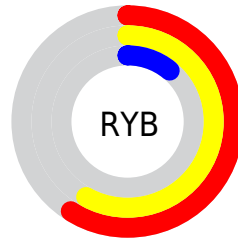
The Hex color **97581B** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **1B5A97**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **D28A4C**, and **5F2A00** is the 20% darker color. If you saturate the color by 10%, you get **97500C**, and if you desaturate by 10%, it is **97602A**.

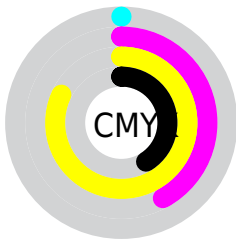
# Distribution



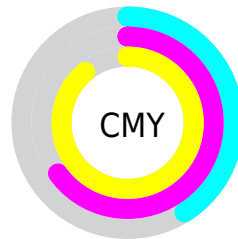
- Red (59%)
- Green (35%)
- Blue (11%)



- Red (59%)
- Yellow (58%)
- Blue (11%)



- Cyan (0%)
- Magenta (42%)
- Yellow (82%)
- Black (41%)



- Cyan (41%)
- Magenta (65%)
- Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 97581B 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 97581B by changing the saturation by 10% instead.





97581B



97581B

FFFFFF



7A4000



D28A4C



5F2A00



F0A565



431400



FFC07F



2A0000



FFDC99



000000



FFF9B4



FFFFD0



FFFFED



97581B



97581B

■ 97500C

■ 97602A

■ 974A00

■ 976739

■ 976F48

■ 977757

■ 977E67

■ 978676

■ 978E85

■ 979594

■ 979DA3

# Harmonies

## Analogous

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



AC473C



97581B



766707

# Triad

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



97581B



007A6C



6F5AAB

# Complementary

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



97581B



1B5A97

# 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.



006AB8



97581B



007A94

# Square

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



97581B



007842



0075B0



9C488B

# Rectangle

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



97581B



5C6F13



0075B0



5860B2



# Sweetspot

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



97581B



C4AB93



971B5B



635446



E3E3E3



636363



# Same Dimension

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



97581B



C46202



97951B



4D4945



8C4500



0D0600



# Inverse Universe

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



1B5A97



0265C4



1B1D97



45494D



00478C



00060D



# Previews

## White Background



This preview shows how the Hex color 97581B 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

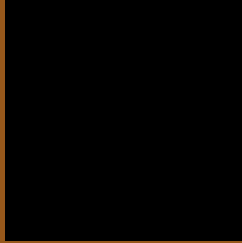
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 97581B Background



This preview shows how black text looks on a background with the Hex color 97581B.



This preview shows how white text looks on a background with the Hex color 97581B.

# 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**  
97581B

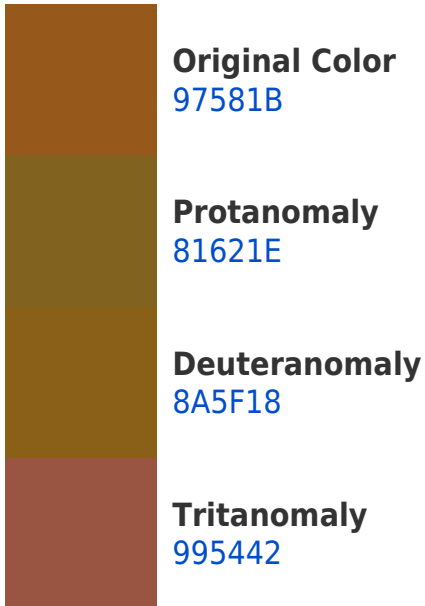
**Protanopia**  
74681F

**Deuteranopia**  
836316

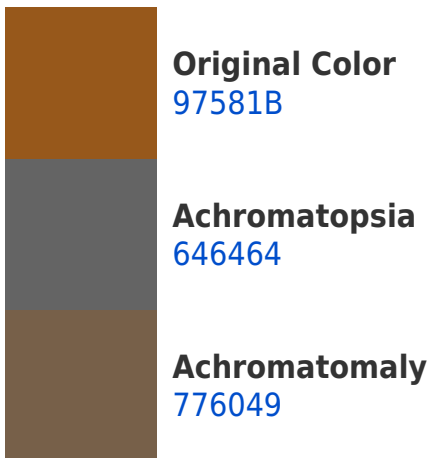


**Tritanopia**  
9A5258

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 97581B 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 #97581B looks like.

```
.text, #text, p{  
    color:#97581B  
}
```

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 #97581B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #97581B
}
```

## Border

The CSS property to change the border of an element to Hex 97581B 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
#97581B }
```

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

```
.border{ border-color:#97581B }
```

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

Here you see how a box with a 4 pixel #97581B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #97581B; -webkit-box-shadow:4px 4px  
4px 4px #97581B; box-shadow:4px 4px 4px  
4px #97581B }
```

# Background

The CSS property to change the background color of an element to Hex 97581B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#97581B }
```

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

```
.background{ background-color:#97581B }
```

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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