

# Converting Colors

Hex(94440B)

Have a look what the booklet for  
Hex(94440B) contains.

|  |    |
|--|----|
| <b>Hex(94440B)</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(94440B)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | 94440B                    |
| RGB         | 148, 68, 11               |
| RGB Percent | 58%, 27%, 4%              |
| CMY         | 0.4196, 0.7333, 0.9569    |
| CMYK        | 0.00, 0.54, 0.93, 0.42    |
| HSL         | 25°, 86%, 31%             |
| HSV         | 25°, 93%, 58%             |
| XYZ         | 14.3403, 10.4543, 1.5787  |
| YIQ         | 85.4220, 65.9770, -0.7670 |

# Conversions

## Conversions Part 2

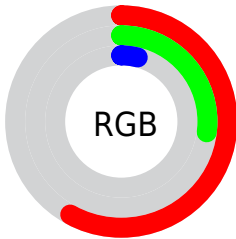
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 148, 109, 11                  |
| Decimal                             | 9716747                       |
| CIE Lab                             | 38.65, 30.64, 45.45           |
| CIE LCh                             | 39, 54.811, 56.014            |
| Yxy                                 | 10.4543, 0.5437,<br>0.3964    |
| Android<br>(android.graphics.Color) | 4287906827<br>(0xFF94440B)    |
| YUV                                 | 85.4220, -36.6900,<br>54.8809 |
| Hunter-Lab                          | 32.3331, 22.5847,<br>19.7383  |

# Details

The Hex color **94440B** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **0B5B94**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **D0763D**, and **5A1400** is the 20% darker color. If you saturate the color by 10%, you get **943E00**, and if you desaturate by 10%, it is **944D1A**.

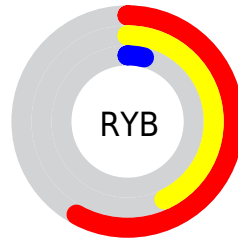
# Distribution



Red (58%)

Green (27%)

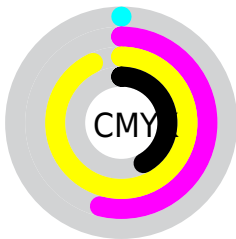
Blue (4%)



Red (58%)

Yellow (43%)

Blue (4%)

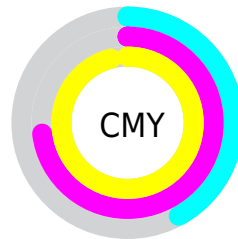


Cyan (0%)

Magenta (54%)

Yellow (93%)

Black (42%)



Cyan (42%)

Magenta (73%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 94440B 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 94440B by changing the saturation by 10% instead.



 94440B

 94440B

 FFFFF9

 772C00

 D0763D

 5A1400

 EE9056

 3E0000

 FFAB6F

 260001

 FFC689

 000000

 FFE3A4

 FFFFC0

 FFFFDC

 94440B

 94440B

■ 943E00

■ 944D1A

■ 945529

■ 945E37

■ 946746

■ 946F55

■ 947864

■ 948073

■ 948981

■ 949290

# Harmonies

## Analogous

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



A72E37



94440B



735700

# Triad

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



94440B



006E53



4B52AC

# Complementary

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



94440B



0B5B94

# 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.



0062B4



94440B



006F81

# Square

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



94440B



006B25



006BA5



8A3B8D

# Rectangle

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



94440B



586000



006BA5



1D58B1



# Sweetspot

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



94440B



BFA08A



940B5D



614E40



E0E0E0



616161



# Same Dimension

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



94440B



BF5000



94860B



4A4643



8A3900



0A0400



# Inverse Universe

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



0B5B94



0070BF



0B1994



43474A



00508A



00060A



# Previews

## White Background



This preview shows how the Hex color 94440B looks on a white background.

## Color Contrast Check

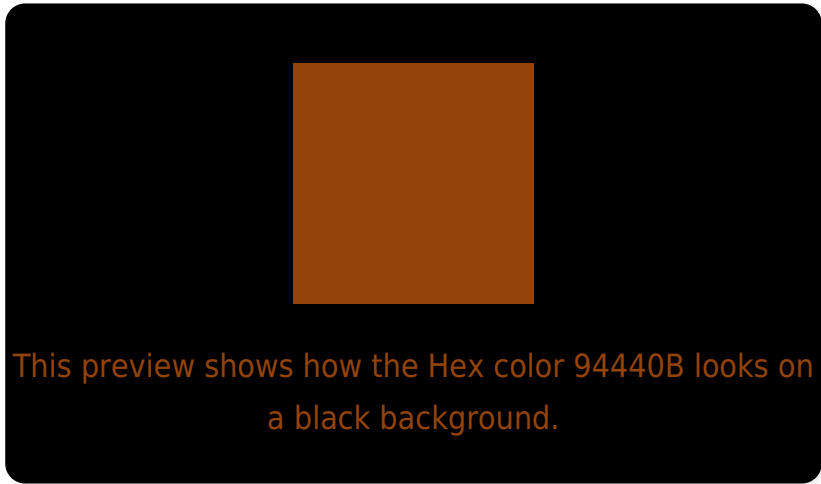
Large Text (above 18pt) WCAG AA ✓ Pass

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 94440B Background



This preview shows how black text looks on a background with the Hex color 94440B.



This preview shows how white text looks on a background with the Hex color 94440B.

# 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**  
94440B

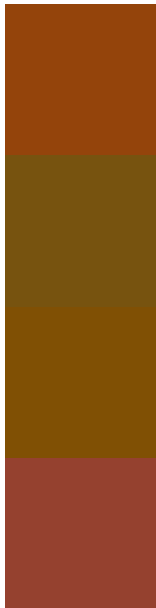
**Protanopia**  
675C12

**Deuteranopia**  
745700



**Tritanopia**  
963F44

# Trichromacy



**Original Color**  
94440B

**Protanomaly**  
77530F

**Deuteranomaly**  
805004

**Tritanomaly**  
95412F

# Monochromacy



**Original Color**  
94440B

**Achromatopsia**  
555555

**Achromatomaly**  
6C4F3A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 94440B 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 #94440B looks like.

```
.text, #text, p{  
    color:#94440B  
}
```

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 #94440B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94440B
}
```

## Border

The CSS property to change the border of an element to Hex 94440B is called "border". The border property can be set on classes, ids or directly on the HTML element.

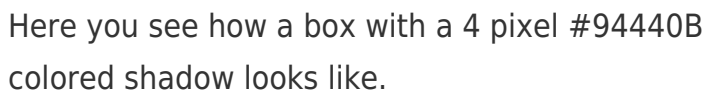
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#94440B }
```

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

```
.border{ border-color:#94440B }
```

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



Here you see how a box with a 4 pixel #94440B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94440B; -webkit-box-shadow:4px 4px  
4px 4px #94440B; box-shadow:4px 4px 4px  
4px #94440B }
```

# Background

The CSS property to change the background color of an element to Hex 94440B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94440B }
```

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

```
.background{ background-color:#94440B }
```

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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