

# Converting Colors

Hex(98352E)

Have a look what the booklet for  
Hex(98352E) contains.

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# Color

Hex(98352E)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	98352E
RGB	152, 53, 46
RGB Percent	60%, 21%, 18%
CMY	0.4039, 0.7922, 0.8196
CMYK	0.00, 0.65, 0.70, 0.40
HSL	4°, 54%, 39%
HSV	4°, 70%, 60%
XYZ	14.7151, 9.4189, 3.6272
YIQ	81.8030, 61.2510, 18.8110

# Conversions

## Conversions Part 2

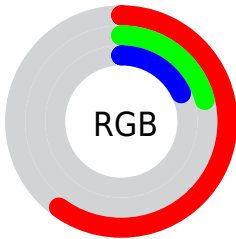
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	152, 53, 46
Decimal	9975086
CIE <sub>Lab</sub>	36.78, 40.99, 26.64
CIE <sub>LCh</sub>	37, 48.886, 33.027
Yxy	9.4189, 0.5301, 0.3393
Android (android.graphics.Color)	4288165166 (0xFF98352E)
YUV	81.8030, -17.6509, 61.5628
Hunter-Lab	30.6902, 31.8783, 14.4757

# Details

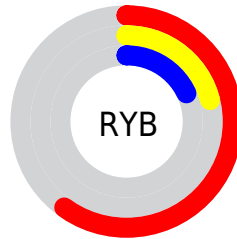
The Hex color **98352E** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **2E9198**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **D3695C**, and **5F0000** is the 20% darker color. If you saturate the color by 10%, you get **98271F**, and if you desaturate by 10%, it is **98433D**.

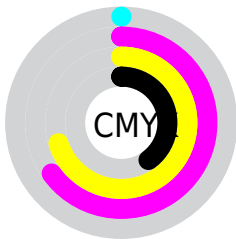
# Distribution



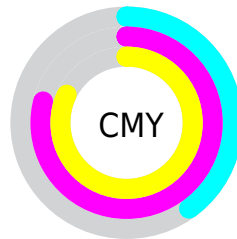
- Red (60%)
- Green (21%)
- Blue (18%)



- Red (60%)
- Yellow (21%)
- Blue (18%)



- Cyan (0%)
- Magenta (65%)
- Yellow (70%)
- Black (40%)



- Cyan (40%)
- Magenta (79%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 98352E 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 98352E by changing the saturation by 10% instead.



 98352E

 98352E

FFFFFF

 7B1A19

 D3695C

 5F0000

 F28375

 420000

 FF9E8F

 280001

 FFBA9

 000000

 FFD6C4

 FFF3E0

FFFFFFD

 98352E

 98352E

■ 98271F

■ 98433D

■ 981910

■ 98514C

■ 980A00

■ 98605C

■ 986E6B

■ 987C7A

■ 988A89

■ 989898

■ 98A7A8

■ 98B5B7

# Harmonies

## Analogous

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



9B2C54



98352E



844709

# Triad

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



98352E



006631



005AA6

# Complementary

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



98352E



2E9198

# 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.



00649D



98352E



00685A

# Square

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



98352E



3D6007



006881



5B4A99

# Rectangle

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



98352E



705200



006881



005EA5



# Sweetspot

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



98352E



C49E9B



982E93



634C4B



E3E3E3



636363



# Same Dimension

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



98352E



C42A1F



98682E



4D4545



8C0900



0D0100



# Inverse Universe

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



2E9198



1FB9C4



2E5E98



454C4D



00838C



000C0D



# Previews

## White Background



This preview shows how the Hex color 98352E looks on a white background.

## Color Contrast Check

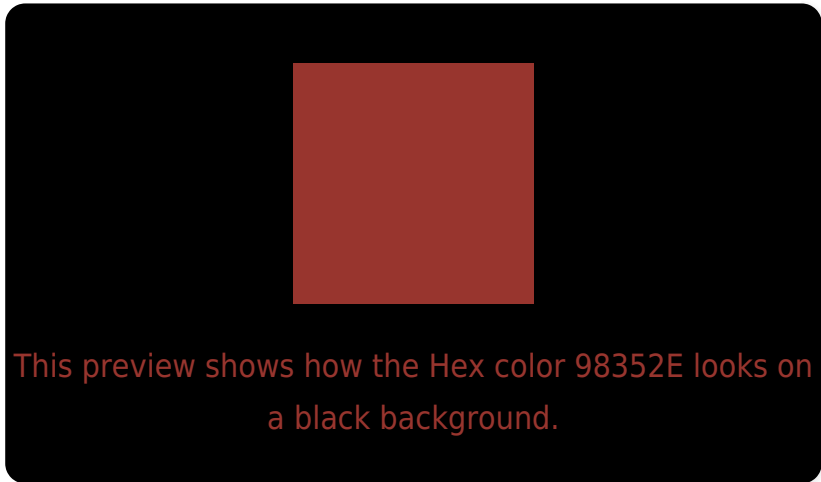
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 98352E Background



This preview shows how black text looks on a background with the Hex color 98352E.




This preview shows how white text looks on a background with the Hex color 98352E.

# 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





**Tritanopia**  
983437

# Trichromacy



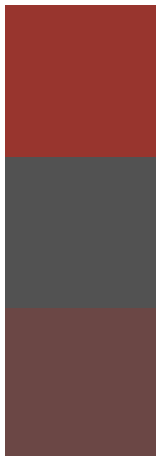
**Original Color**  
98352E

**Protanomaly**  
744B36

**Deuteranomaly**  
7C482A

**Tritanomaly**  
983434

# Monochromacy



**Original Color**  
98352E

**Achromatopsia**  
525252

**Achromatomaly**  
6B4745

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 98352E 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 #98352E looks like.

```
.text, #text, p{  
    color:#98352E  
}
```

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 #98352E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98352E
}
```

## Border

The CSS property to change the border of an element to Hex 98352E is called "border". The border property can be set on classes, ids or directly on the HTML element.

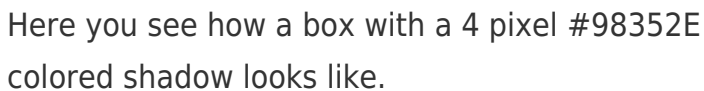
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#98352E }
```

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

```
.border{ border-color:#98352E }
```

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



Here you see how a box with a 4 pixel #98352E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98352E; -webkit-box-shadow:4px 4px  
4px 4px #98352E; box-shadow:4px 4px 4px  
4px #98352E }
```

# Background

The CSS property to change the background color of an element to Hex 98352E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98352E }
```

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

```
.background{ background-color:#98352E }
```

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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