

# Converting Colors

Hex(98171E)

Have a look what the booklet for  
Hex(98171E) contains.

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**Color**

**Hex(98171E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	98171E
RGB	152, 23, 30
RGB Percent	60%, 9%, 12%
CMY	0.4039, 0.9098, 0.8824
CMYK	0.00, 0.85, 0.80, 0.40
HSL	357°, 74%, 34%
HSV	357°, 85%, 60%
XYZ	13.4896, 7.3819, 1.9422
YIQ	62.3690, 74.6370, 29.5250

# Conversions

## Conversions Part 2

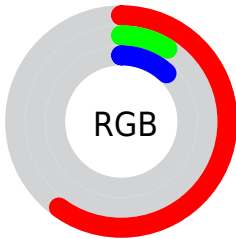
<b>Format</b>	<b>Color</b>
<b>RYB</b>	152, 23, 30
Decimal	9967390
CIELab	32.66, 51.06, 31.64
CIElCh	33, 60.073, 31.785
Yxy	7.3819, 0.5913, 0.3236
Android (android.graphics.Color)	4288157470 (0xFF98171E)
YUV	62.3690, -15.9579, 78.6064
Hunter-Lab	27.1697, 41.0774, 14.7806

# Details

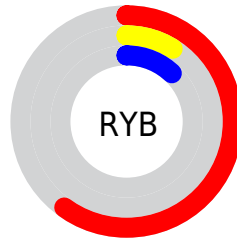
The Hex color **98171E** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **179891**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **D5524A**, and **5C0000** is the 20% darker color. If you saturate the color by 10%, you get **980810**, and if you desaturate by 10%, it is **98262C**.

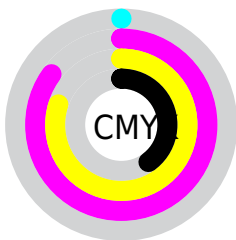
# Distribution



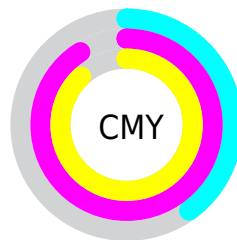
- Red (60%)
- Green (9%)
- Blue (12%)



- Red (60%)
- Yellow (9%)
- Blue (12%)



- Cyan (0%)
- Magenta (85%)
- Yellow (80%)
- Black (40%)



- Cyan (40%)
- Magenta (91%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 98171E 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 98171E by changing the saturation by 10% instead.



 98171E

 98171E

FFFFFF

 7A0008

 D5524A

 5C0000

 F46D62

 400001

 FF897B

 210001

 FFA495

 000000

 FFC1B0

 FFDDCC

 FFFBE8

 98171E

 98171E

■ 980810

■ 98262C

■ 980008

■ 98353B

■ 984549

■ 985458

■ 986366

■ 987274

■ 988183

■ 989191

■ 98A09F

# Harmonies

## Analogous

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



9C004C



98171E



813800

# Triad

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



98171E



005E1B



0053AD

# Complementary

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



98171E



179891

# 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.



005DA1



98171E



00604E

# Square

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



98171E



2B5800



00607E



493E9F

# Rectangle

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



98171E



6A4600



00607E



0057AC



# Sweetspot

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



98171E



C49396



8F1798



634647



E3E3E3



636363



# Same Dimension

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



98171E



C4000B



984F17



4D4545



8C0008



0D0001



# Inverse Universe

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



98171E



C4000B



176098



4D4545



8C0008



0D0001



# Previews

## White Background



This preview shows how the Hex color 98171E 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 98171E Background



This preview shows how black text looks on a background with the Hex color 98171E.



This preview shows how white text looks on a background with the Hex color 98171E.

# 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**  
98171E

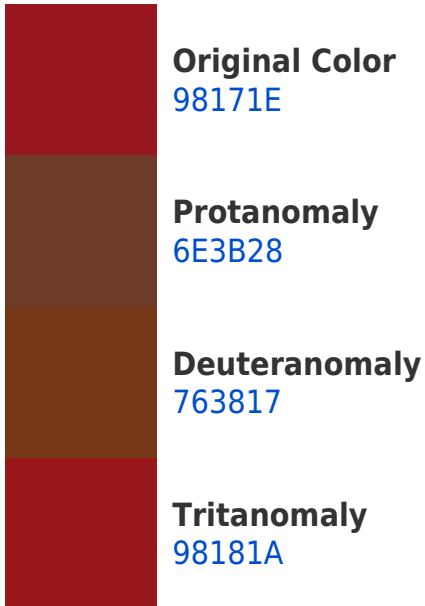
**Protanopia**  
564F2D

**Deuteranopia**  
634B13

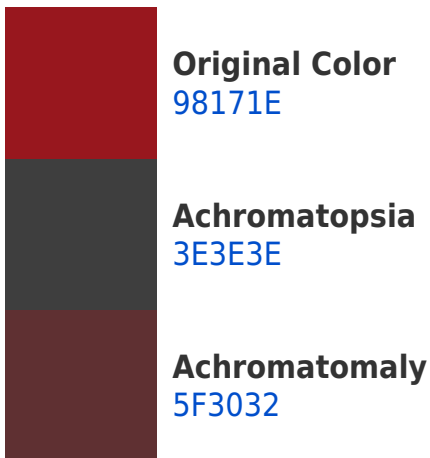


**Tritanopia**  
981817

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 98171E 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 #98171E looks like.

```
.text, #text, p{  
    color:#98171E  
}
```

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 #98171E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #98171E
}
```

## Border

The CSS property to change the border of an element to Hex 98171E is called "border". The border property can be set on classes, ids or directly on the HTML element.

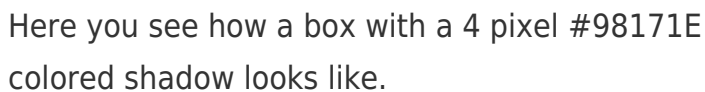
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#98171E }
```

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

```
.border{ border-color:#98171E }
```

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



Here you see how a box with a 4 pixel #98171E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #98171E; -webkit-box-shadow:4px 4px  
4px 4px #98171E; box-shadow:4px 4px 4px  
4px #98171E }
```

# Background

The CSS property to change the background color of an element to Hex 98171E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#98171E }
```

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

```
.background{ background-color:#98171E }
```

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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