

# Converting Colors

Hex(99370E)

Have a look what the booklet for  
Hex(99370E) contains.

<b>Hex(99370E)</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(99370E)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	99370E
RGB	153, 55, 14
RGB Percent	60%, 22%, 5%
CMY	0.4000, 0.7843, 0.9451
CMYK	0.00, 0.64, 0.91, 0.40
HSL	18°, 83%, 33%
HSV	18°, 91%, 60%
XYZ	14.5823, 9.5364, 1.4876
YIQ	79.6280, 71.5690, 8.0250

# Conversions

## Conversions Part 2

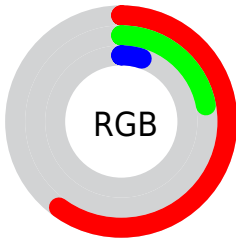
<b>Format</b>	<b>Color</b>
<b>RYB</b>	153, 72, 14
Decimal	10041102
CIELab	37.00, 39.23, 43.56
CIELCh	37, 58.626, 47.993
Yxy	9.5364, 0.5695, 0.3724
Android (android.graphics.Color)	4288231182 (0xFF99370E)
YUV	79.6280, -32.3546, 64.3472
Hunter-Lab	30.8810, 30.2476, 18.7606

# Details

The Hex color **99370E** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **0E7099**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **D66A3E**, and **5E0000** is the 20% darker color. If you saturate the color by 10%, you get **992D00**, and if you desaturate by 10%, it is **99421D**.

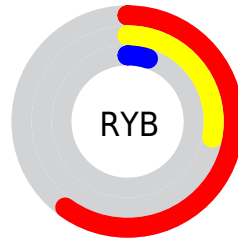
# Distribution



Red (60%)

Green (22%)

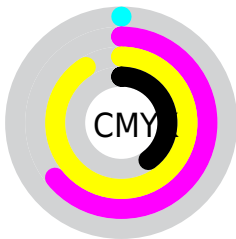
Blue (5%)



Red (60%)

Yellow (28%)

Blue (5%)

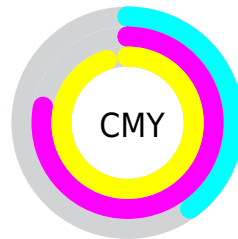


Cyan (0%)

Magenta (64%)

Yellow (91%)

Black (40%)



Cyan (40%)

Magenta (78%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 99370E 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 99370E by changing the saturation by 10% instead.



 99370E

 99370E

 FFFFF8

 7B1D00

 D66A3E

 5E0000

 F58456

 410000

 FF9F6F

 280001

 FFBB89

 000000

 FFD7A4

 FFF4BF

 FFFFDB

 99370E

 99370E

■ 992D00

■ 99421D

■ 994D2D

■ 99573C

■ 99624B

■ 996D5A

■ 99786A

■ 998379

■ 998D88

■ 999898

# Harmonies

## Analogous

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



A81D3D



99370E



7A4E00

# Triad

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



99370E



006A42



1353B2

# Complementary

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



99370E



0E7099

# 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



99370E



006B73

# Square

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



99370E



00660C



006A9D



7B3B97

# Rectangle

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



99370E



5F5900



006A9D



0059B6



# Sweetspot

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



99370E



C7A191



990E72



634D44



E3E3E3



636363



# Same Dimension

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



99370E



C73B00



997B0E



4D4745



8C2900



0D0400



# Inverse Universe

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



0E7099



008CC7



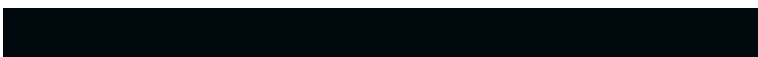
0E2C99



454A4D



00638C



00090D



# Previews

## White Background



This preview shows how the Hex color 99370E 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 99370E Background



This preview shows how black text looks on a background with the Hex color 99370E.



This preview shows how white text looks on a background with the Hex color 99370E.

# 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**  
99370E

**Protanopia**  
635817

**Deuteranopia**  
6F5400



**Tritanopia**  
9A3336

# Trichromacy



**Original Color**  
99370E

**Protanomaly**  
774C14

**Deuteranomaly**  
7E4905

**Tritanomaly**  
9A3427

# Monochromacy



**Original Color**  
99370E

**Achromatopsia**  
505050

**Achromatomaly**  
6B4738

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 99370E 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 #99370E looks like.

```
.text, #text, p{  
    color:#99370E  
}
```

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 #99370E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #99370E
}
```

## Border

The CSS property to change the border of an element to Hex 99370E is called "border". The border property can be set on classes, ids or directly on the HTML element.

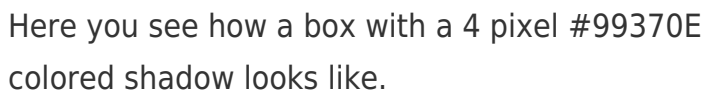
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#99370E }
```

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

```
.border{ border-color:#99370E }
```

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



Here you see how a box with a 4 pixel #99370E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #99370E; -webkit-box-shadow:4px 4px  
4px 4px #99370E; box-shadow:4px 4px 4px  
4px #99370E }
```

# Background

The CSS property to change the background color of an element to Hex 99370E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#99370E }
```

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

```
.background{ background-color:#99370E }
```

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