

# Converting Colors

Hex(370E0E)

Have a look what the booklet for  
Hex(370E0E) contains.

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**Color**

**Hex(370E0E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	370E0E
RGB	55, 14, 14
RGB Percent	22%, 5%, 5%
CMY	0.7843, 0.9451, 0.9451
CMYK	0.00, 0.75, 0.75, 0.78
HSL	0°, 59%, 14%
HSV	0°, 75%, 22%
XYZ	1.8119, 1.1580, 0.5435
YIQ	26.2590, 24.4360, 8.6920

# Conversions

## Conversions Part 2

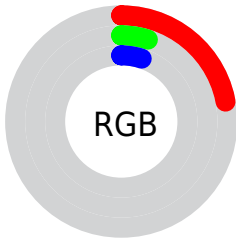
<b>Format</b>	<b>Color</b>
<b>RYB</b>	55, 14, 14
Decimal	3608078
CIELab	10.24, 20.45, 9.89
CIELCh	10, 22.712, 25.809
Yxy	1.1580, 0.5157, 0.3296
Android (android.graphics.Color)	4281798158 (0xFF370E0E)
YUV	26.2590, -6.0437, 25.2059
Hunter-Lab	10.7611, 11.2223, 4.5383

# Details

The Hex color **370E0E** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **0E3737**, and the grayscale version is **1A1A1A**.

A 20% lighter version of the original color is **693A39**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **370909**, and if you desaturate by 10%, it is **371313**.

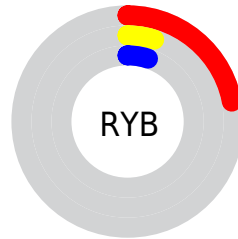
# Distribution



Red (22%)

Green (5%)

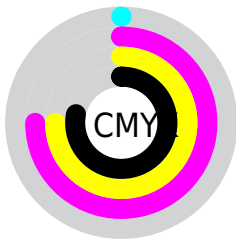
Blue (5%)



Red (22%)

Yellow (5%)

Blue (5%)

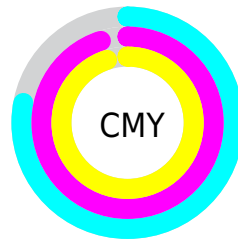


Cyan (0%)

Magenta (75%)

Yellow (75%)

Black (78%)



Cyan (78%)

Magenta (95%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 370E0E 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 370E0E by changing the saturation by 10% instead.



 370E0E

 370E0E

 FFF1ED

 230001

 693A39

 000000

 835250

 9E6A68

 BA8481

 D69E9B

 F3B9B6

 FFD5D1

 370E0E

 370E0E

■ 370909

■ 371313

■ 370303

■ 371919

■ 370000

■ 371E1E

■ 372424

■ 372A2A

■ 372F2F

■ 373535

■ 373A3A

■ 374040

# Harmonies

## Analogous

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



360D1F



370E0E



321400

# Triad

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



370E0E



022205



001E3B

# Complementary

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



370E0E



0E3737

# 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.



002235



370E0E



002319

# Square

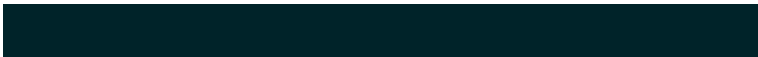
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



370E0E



181F00



002329



171938

# Rectangle

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



370E0E



2A1800



002329



00203A



# Sweetspot

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



370E0E



473838



370E37



241A1A



A3A3A3



242424



# Same Dimension

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



370E0E



470808



37230E



1C1919



5C0000



DB0000



# Inverse Universe

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



0E3737



084747



0E2337



191C1C



005C5C

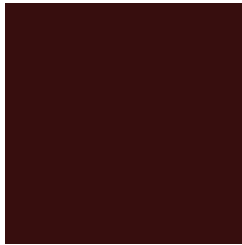


00DBDB



# Previews

## White Background



This preview shows how the Hex color 370E0E 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 370E0E Background



This preview shows how black text looks on a background with the Hex color 370E0E.



This preview shows how white text looks on a background with the Hex color 370E0E.

# 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](#).

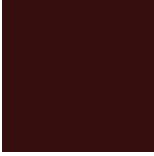
## Dichromacy



**Original Color**  
370E0E

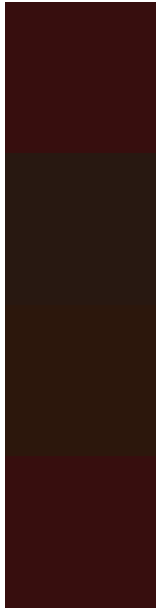
**Protanopia**  
201E13

**Deuteranopia**  
251C0B



**Tritanopia**  
370E0E

# Trichromacy



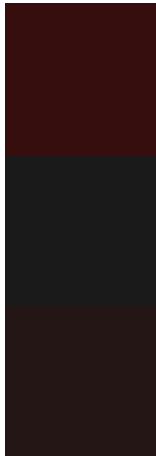
**Original Color**  
370E0E

**Protanomaly**  
281811

**Deuteranomaly**  
2C170C

**Tritanomaly**  
370E0E

# Monochromacy



**Original Color**  
370E0E

**Achromatopsia**  
1A1A1A

**Achromatomaly**  
251616

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 370E0E 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 #370E0E looks like.

```
.text, #text, p{  
    color:#370E0E  
}
```

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 #370E0E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #370E0E
}
```

## Border

The CSS property to change the border of an element to Hex 370E0E is called "border". The border property can be set on classes, ids or directly on the HTML element.

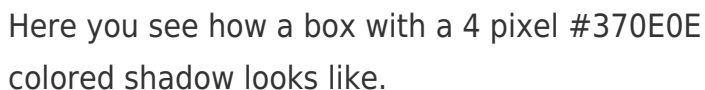
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#370E0E }
```

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

```
.border{ border-color:#370E0E }
```

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



Here you see how a box with a 4 pixel #370E0E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #370E0E; -webkit-box-shadow:4px 4px  
4px 4px #370E0E; box-shadow:4px 4px 4px  
4px #370E0E }
```

# Background

The CSS property to change the background color of an element to Hex 370E0E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#370E0E }
```

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

```
.background{ background-color:#370E0E }
```

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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