

# Converting Colors

Hex(370B0B)

Have a look what the booklet for  
Hex(370B0B) contains.

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**Color**

**Hex(370B0B)**

# Conversions

## Conversions Part 1

Format	Color
Hex	370B0B
RGB	55, 11, 11
RGB Percent	22%, 4%, 4%
CMY	0.7843, 0.9569, 0.9569
CMYK	0.00, 0.80, 0.80, 0.78
HSL	0°, 67%, 13%
HSV	0°, 80%, 22%
XYZ	1.7556, 1.0757, 0.4317
YIQ	24.1560, 26.2240, 9.3280

# Conversions

## Conversions Part 2

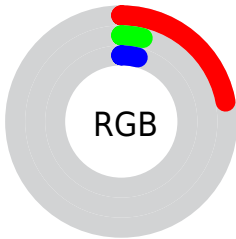
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	55, 11, 11
Decimal	3607307
CIE <sub>Lab</sub>	9.61, 21.80, 10.39
CIE <sub>LCh</sub>	10, 24.145, 25.485
Yxy	1.0757, 0.5380, 0.3297
Android (android.graphics.Color)	4281797387 (0xFF370B0B)
YUV	24.1560, -6.4859, 27.0502
Hunter-Lab	10.3717, 12.0641, 4.7923

# Details

The Hex color **370B0B** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **0B3737**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **693837**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **370505**, and if you desaturate by 10%, it is **371111**.

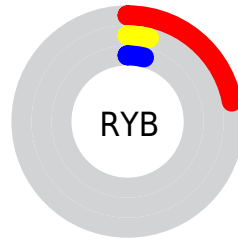
# Distribution



Red (22%)

Green (4%)

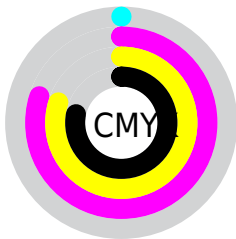
Blue (4%)



Red (22%)

Yellow (4%)

Blue (4%)

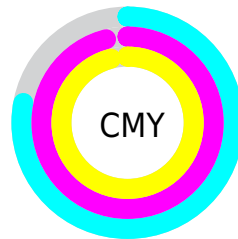


Cyan (0%)

Magenta (80%)

Yellow (80%)

Black (78%)



Cyan (78%)

Magenta (96%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 370B0B 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 370B0B by changing the saturation by 10% instead.



 370B0B

 370B0B

 FFEEEE

 220001

 693837

 000000

 834F4D

 9F6865

 BA817E

 D79B98

 F4B6B3

 FFD2CE

 370B0B

 370B0B

■ 370505

■ 371111

■ 370000

■ 371616

■ 371C1C

■ 372121

■ 372727

■ 372C2C

■ 373232

■ 373737

■ 373D3D

# Harmonies

## Analogous

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



36091E



370B0B



311200

# Triad

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



370B0B



002101



001D3B

# Complementary

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



370B0B



0B3737

# 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.



002135



370B0B



002318

# Square

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



370B0B



161E00



002328



151738

# Rectangle

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



370B0B



291700



002328



001F3A



# Sweetspot

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



370B0B



473636



370B37



241919



A3A3A3



242424



# Same Dimension

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



370B0B



470303



37210B



1C1919



5C0000



DB0000



# Inverse Universe

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



0B3737



034747



0B2137



191C1C



005C5C

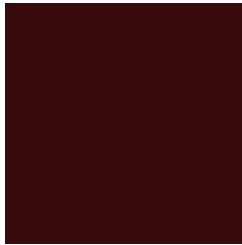


00DBDB



# Previews

## White Background



This preview shows how the Hex color 370B0B looks on a white background.

## Color Contrast Check

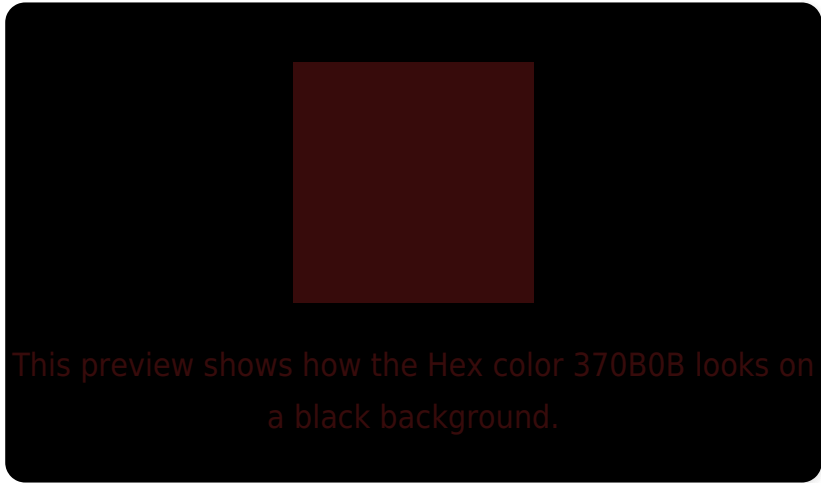
Large Text (above 18pt) WCAG AA ✓ Pass

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

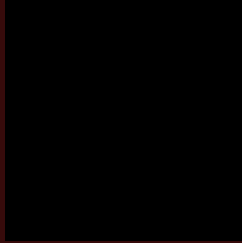
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 370B0B Background



This preview shows how black text looks on a background with the Hex color 370B0B.

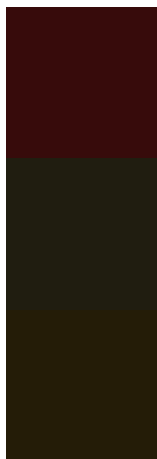


This preview shows how white text looks on a background with the Hex color 370B0B.

# 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](#).

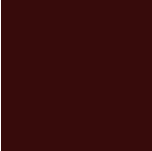
## Dichromacy



**Original Color**  
370B0B

**Protanopia**  
201D10

**Deuteranopia**  
241C07



**Tritanopia**  
370B0B

# Trichromacy



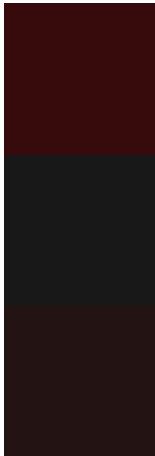
**Original Color**  
370B0B

**Protanomaly**  
28160E

**Deuteranomaly**  
2B1608

**Tritanomaly**  
370B0B

# Monochromacy



**Original Color**  
370B0B

**Achromatopsia**  
181818

**Achromatomaly**  
231313

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 370B0B 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 #370B0B looks like.

```
.text, #text, p{  
    color:#370B0B  
}
```

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 #370B0B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #370B0B
}
```

## Border

The CSS property to change the border of an element to Hex 370B0B is called "border". The border property can be set on classes, ids or directly on the HTML element.

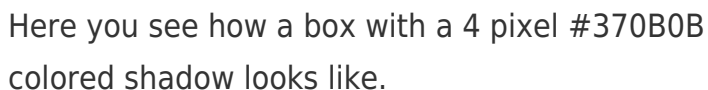
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#370B0B }
```

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

```
.border{ border-color:#370B0B }
```

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



Here you see how a box with a 4 pixel `#370B0B` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #370B0B; -webkit-box-shadow:4px 4px  
4px 4px #370B0B; box-shadow:4px 4px 4px  
4px #370B0B }
```

# Background

The CSS property to change the background color of an element to Hex 370B0B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#370B0B }
```

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

```
.background{ background-color:#370B0B }
```

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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