

# Converting Colors

Hex(371013)

Have a look what the booklet for  
Hex(371013) contains.

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**Color**

**Hex(371013)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	371013
RGB	55, 16, 19
RGB Percent	22%, 6%, 7%
CMY	0.7843, 0.9373, 0.9255
CMYK	0.00, 0.71, 0.65, 0.78
HSL	355°, 55%, 14%
HSV	355°, 71%, 22%
XYZ	1.8784, 1.2298, 0.7545
YIQ	28.0030, 22.2810, 9.2010

# Conversions

## Conversions Part 2

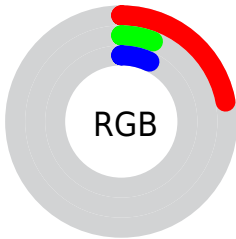
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	55, 16, 19
Decimal	3608595
CIE <sub>Lab</sub>	10.78, 19.77, 7.79
CIE <sub>LCh</sub>	11, 21.248, 21.499
Yxy	1.2298, 0.4863, 0.3184
Android (android.graphics.Color)	4281798675 (0xFF371013)
YUV	28.0030, -4.4385, 23.6764
Hunter-Lab	11.0897, 10.8273, 3.7291

# Details

The Hex color **371013** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **103734**, and the grayscale version is **1C1C1C**.

A 20% lighter version of the original color is **693C3D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **370B0E**, and if you desaturate by 10%, it is **371618**.

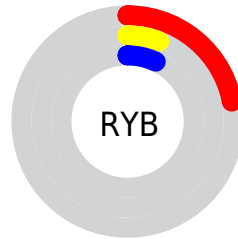
# Distribution



 Red (22%)

 Green (6%)

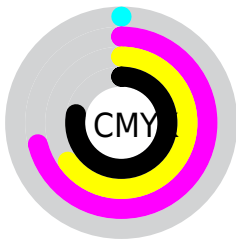
 Blue (7%)



 Red (22%)

 Yellow (6%)


 Blue (7%)

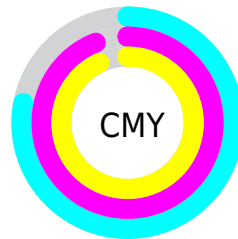


 Cyan (0%)

 Magenta (71%)

 Yellow (65%)

 Black (78%)



 Cyan (78%)

 Magenta (94%)

 Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 371013 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 371013 by changing the saturation by 10% instead.



 371013

 371013

 FFF3F3

 230000

 693C3D

 000000

 835454

 9E6C6C

 B98686

 D5A0A0

 F2BBBB

 FFD7D7

 371013

 371013

■ 370B0E

■ 371618

■ 370509

■ 371B1D

■ 370004

■ 372122

■ 372627

■ 372C2C

■ 373131

■ 373737

■ 373C3C

■ 374241

# Harmonies

## Analogous

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



351022



371013



331500

# Triad

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



371013



092206



00203A

# Complementary

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



371013



103734

# 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.



002333



371013



002418

# Square

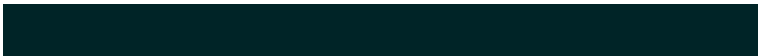
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



371013



1C1F00



002427



151B38

# Rectangle

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



371013



2D1900



002427



002138



# Sweetspot

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



371013



47383A



341037



241B1B



A3A3A3



242424



# Same Dimension

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



371013



470B0F



372010



1C1919



5C0007



DB0011



# Inverse Universe

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



371013



470B0F



102737



1C1919



5C0007

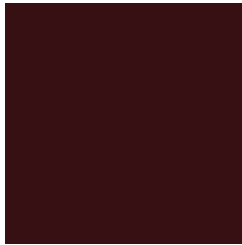


DB0011



# Previews

## White Background



This preview shows how the Hex color 371013 looks on a white background.

## Color Contrast Check

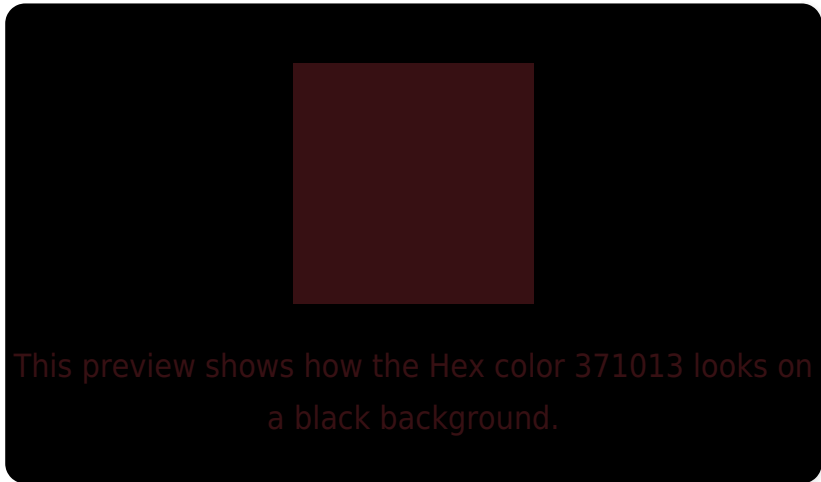
Large Text (above 18pt) WCAG AA ✓ Pass

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

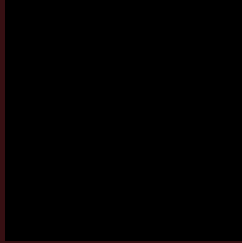
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 371013 Background



This preview shows how black text looks on a background with the Hex color 371013.

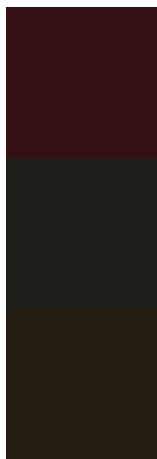


This preview shows how white text looks on a background with the Hex color 371013.

# 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**  
371013

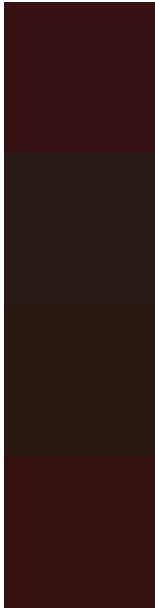
**Protanopia**  
201F19

**Deuteranopia**  
251D11



**Tritanopia**  
371011

# Trichromacy



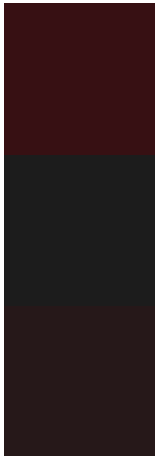
**Original Color**  
371013

**Protanomaly**  
281A17

**Deuteranomaly**  
2C1812

**Tritanomaly**  
371012

# Monochromacy



**Original Color**  
371013

**Achromatopsia**  
1C1C1C

**Achromatomaly**  
261819

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 371013 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 #371013 looks like.

```
.text, #text, p{  
    color:#371013  
}
```

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 #371013 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #371013
}
```

## Border

The CSS property to change the border of an element to Hex 371013 is called "border". The border property can be set on classes, ids or directly on the HTML element.

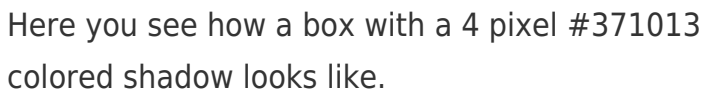
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#371013 }
```

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

```
.border{ border-color:#371013 }
```

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



Here you see how a box with a 4 pixel #371013 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #371013; -webkit-box-shadow:4px 4px  
4px 4px #371013; box-shadow:4px 4px 4px  
4px #371013 }
```

# Background

The CSS property to change the background color of an element to Hex 371013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#371013 }
```

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

```
.background{ background-color:#371013 }
```

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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