

Converting Colors

Hex(371A03)

Have a look what the booklet for
Hex(371A03) contains.

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Color

Hex(371A03)

Conversions

Conversions Part 1

Format	Color
Hex	371A03
RGB	55, 26, 3
RGB Percent	22%, 10%, 1%
CMY	0.7843, 0.8980, 0.9882
CMYK	0.00, 0.53, 0.95, 0.78
HSL	27°, 90%, 11%
HSV	27°, 95%, 22%
XYZ	1.9614, 1.5576, 0.2834
YIQ	32.0490, 24.6670, -1.0050

Conversions

Conversions Part 2

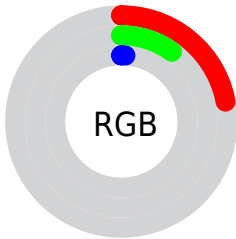
Format	Color
R_{YB}	55, 44, 3
Decimal	3611139
CIE _{Lab}	12.97, 12.28, 18.31
CIE _{LCh}	13, 22.042, 56.158
Yxy	1.5576, 0.5158, 0.4096
Android (android.graphics.Color)	4281801219 (0xFF371A03)
YUV	32.0490, -14.3212, 20.1280
Hunter-Lab	12.4803, 6.2120, 7.3898

Details

The Hex color **371A03** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **032037**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **684631**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **371800**, and if you desaturate by 10%, it is **371D09**.

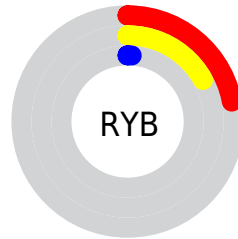
Distribution



Red (22%)

Green (10%)

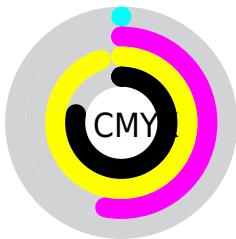
Blue (1%)



Red (22%)

Yellow (17%)

Blue (1%)

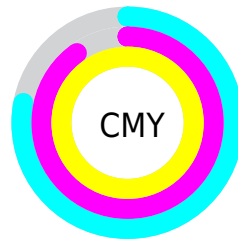


Cyan (0%)

Magenta (53%)

Yellow (95%)

Black (78%)



Cyan (78%)

Magenta (90%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 371A03 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 371A03 by changing the saturation by 10% instead.

 371A03

 371A03

 FFFEE4

 200100

 684631

 000000

 825D48

 9D7660

 B99079

 D5AA92

 F2C6AD

 FFE2C8

 371A03

 371A03

■ 371800

■ 371D09

■ 37200E

■ 372313

■ 372619

■ 37291E

■ 372C24

■ 372F2A

■ 37332F

■ 373635

Harmonies

Analogous

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



3D1515



371A03



2C2000

Triad

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



371A03



00291F



1E1E3D

Complementary

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



371A03



032037

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.



002440



371A03



00292E

Square

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



371A03



08270F



00273B



321833

Rectangle

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



371A03



232300



00273B



14203F

Sweetspot

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



371A03



473C33



370320



241D18



A3A3A3



242424

Same Dimension

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



371A03



472000



373403



1C1A19



5C2900



DB6100

Inverse Universe

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



032037



002847



030637



191B1C



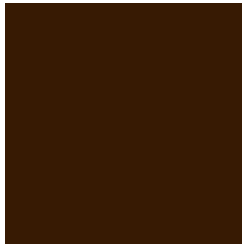
00335C



007ADB

Previews

White Background



This preview shows how the Hex color 371A03 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

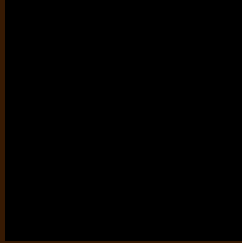
Any Text WCAG AA × Fail

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 371A03 Background



This preview shows how black text looks on a background with the Hex color 371A03.

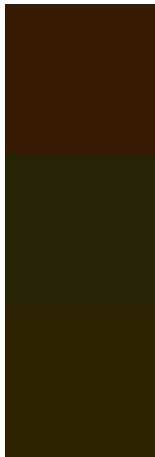


This preview shows how white text looks on a background with the Hex color 371A03.

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](#).

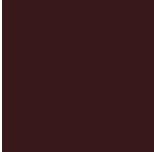
Dichromacy



Original Color
371A03

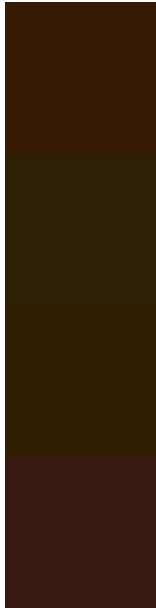
Protanopia
272306

Deuteranopia
2C2100



Tritanopia
38181A

Trichromacy



Original Color
371A03

Protanomaly
2D2005

Deuteranomaly
301E01

Tritanomaly
381912

Monochromacy



Original Color
371A03

Achromatopsia
202020

Achromatomaly
281E15

CSS Examples

Text

The CSS property to change the color of the text to Hex 371A03 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 #371A03 looks like.

```
.text, #text, p{  
    color:#371A03  
}
```

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 #371A03 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #371A03
}
```

Border

The CSS property to change the border of an element to Hex 371A03 is called "border". The border property can be set on classes, ids or directly on the HTML element.

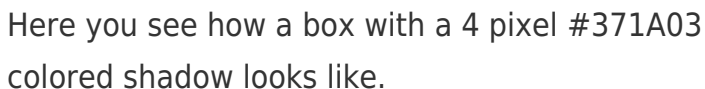
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#371A03 }
```

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

```
.border{ border-color:#371A03 }
```

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



Here you see how a box with a 4 pixel #371A03 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #371A03; -webkit-box-shadow:4px 4px  
4px 4px #371A03; box-shadow:4px 4px 4px  
4px #371A03 }
```

Background

The CSS property to change the background color of an element to Hex 371A03 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#371A03 }
```

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

```
.background{ background-color:#371A03 }
```

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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