

# Converting Colors

Hex(370B06)

Have a look what the booklet for  
Hex(370B06) contains.

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**Color**

**Hex(370B06)**

# Conversions

## Conversions Part 1

Format	Color
Hex	370B06
RGB	55, 11, 6
RGB Percent	22%, 4%, 2%
CMY	0.7843, 0.9569, 0.9765
CMYK	0.00, 0.80, 0.89, 0.78
HSL	6°, 80%, 12%
HSV	6°, 89%, 22%
XYZ	1.7281, 1.0647, 0.2867
YIQ	23.5860, 27.8290, 7.7730

# Conversions

## Conversions Part 2

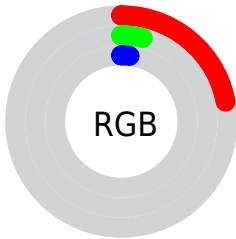
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	55, 12, 6
Decimal	3607302
CIE <sub>Lab</sub>	9.52, 21.48, 12.31
CIE <sub>LCh</sub>	10, 24.757, 29.821
Yxy	1.0647, 0.5612, 0.3457
Android (android.graphics.Color)	4281797382 (0xFF370B06)
YUV	23.5860, -8.6699, 27.5501
Hunter-Lab	10.3185, 11.8369, 5.5754

# Details

The Hex color **370B06** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **063237**, and the grayscale version is **181818**.

A 20% lighter version of the original color is **693834**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **370600**, and if you desaturate by 10%, it is **37100C**.

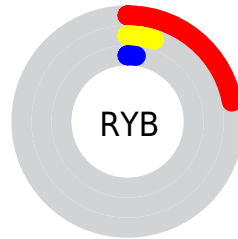
# Distribution



Red (22%)

Green (4%)

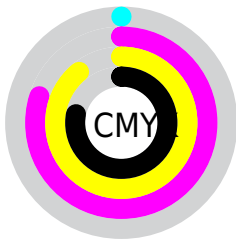
Blue (2%)



Red (22%)

Yellow (5%)

Blue (2%)

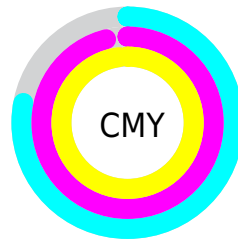


Cyan (0%)

Magenta (80%)

Yellow (89%)

Black (78%)



Cyan (78%)

Magenta (96%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 370B06 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 370B06 by changing the saturation by 10% instead.



 370B06

 370B06

 FFEEE7

 210001

 693834

 000000

 844F4A

 9F6762

 BB817B

 D79B95

 F4B6AF

 FFD2CB

 370B06

 370B06

■ 370600

■ 37100C

■ 371511

■ 371A16

■ 371F1C

■ 372422

■ 372927

■ 372E2D

■ 373332

■ 373738

# Harmonies

## Analogous

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



37081B



370B06



2F1300

# Triad

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



370B06



002103



001D3C

# Complementary

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



370B06



063237

# 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.



002037



370B06



00231A

# Square

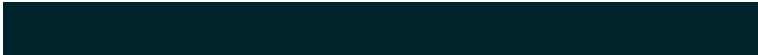
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



370B06



131E00



00222B



191638

# Rectangle

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



370B06



271800



00222B



001E3B



# Sweetspot

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



370B06



473634



370632



241918



A3A3A3



242424



# Same Dimension

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



370B06



470700



372306



1C1A19



5C0900



DB1600



# Inverse Universe

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



063237



004047



061A37



191C1C



00525C

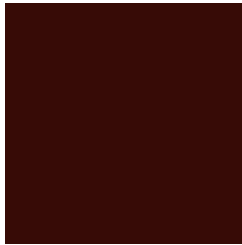


00C5DB



# Previews

## White Background



This preview shows how the Hex color 370B06 looks on a white background.

## Color Contrast Check

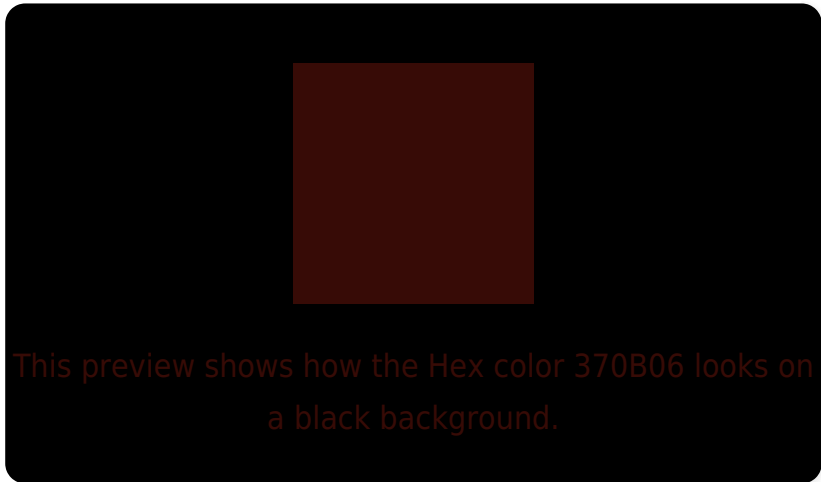
Large Text (above 18pt) WCAG AA ✓ Pass

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

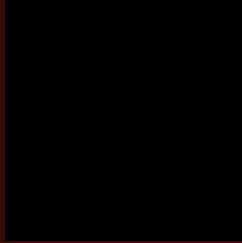
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 370B06 Background



This preview shows how black text looks on a background with the Hex color 370B06.

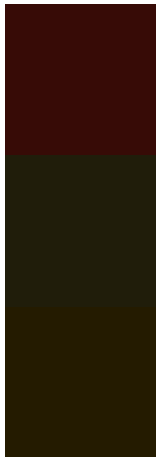


This preview shows how white text looks on a background with the Hex color 370B06.

# 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](#).

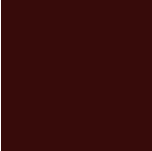
## Dichromacy



**Original Color**  
370B06

**Protanopia**  
201D0A

**Deuteranopia**  
241B00



**Tritanopia**  
370B0A

# Trichromacy



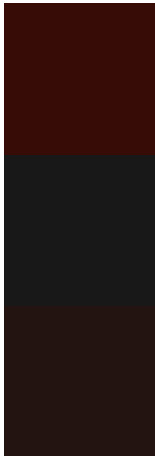
**Original Color**  
370B06

**Protanomaly**  
281609

**Deuteranomaly**  
2B1502

**Tritanomaly**  
370B09

# Monochromacy



**Original Color**  
370B06

**Achromatopsia**  
181818

**Achromatomaly**  
231311

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 370B06 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 #370B06 looks like.

```
.text, #text, p{  
    color:#370B06  
}
```

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 #370B06 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #370B06
}
```

## Border

The CSS property to change the border of an element to Hex 370B06 is called "border". The border property can be set on classes, ids or directly on the HTML element.

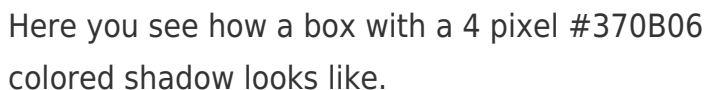
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#370B06 }
```

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

```
.border{ border-color:#370B06 }
```

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



Here you see how a box with a 4 pixel #370B06 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #370B06; -webkit-box-shadow:4px 4px  
4px 4px #370B06; box-shadow:4px 4px 4px  
4px #370B06 }
```

# Background

The CSS property to change the background color of an element to Hex 370B06 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#370B06 }
```

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

```
.background{ background-color:#370B06 }
```

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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