

# Converting Colors

Hex(370E00)

Have a look what the booklet for  
Hex(370E00) contains.

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**Color**

**Hex(370E00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	370E00
RGB	55, 14, 0
RGB Percent	22%, 5%, 0%
CMY	0.7843, 0.9451, 1.0000
CMYK	0.00, 0.75, 1.00, 0.78
HSL	15°, 100%, 11%
HSV	15°, 100%, 22%
XYZ	1.7326, 1.1263, 0.1261
YIQ	24.6630, 28.9300, 4.3380

# Conversions

## Conversions Part 2

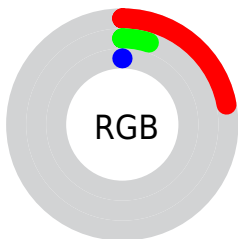
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	55, 19, 0
Decimal	3608064
CIE <sub>Lab</sub>	10.00, 19.51, 15.44
CIE <sub>LCh</sub>	10, 24.883, 38.359
Yxy	1.1263, 0.5804, 0.3773
Android (android.graphics.Color)	4281798144 (0xFF370E00)
YUV	24.6630, -12.1589, 26.6055
Hunter-Lab	10.6127, 10.5688, 6.7245

# Details

The Hex color **370E00** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **002937**, and the grayscale version is **191919**.

A 20% lighter version of the original color is **693A30**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **370E00**, and if you desaturate by 10%, it is **371205**.

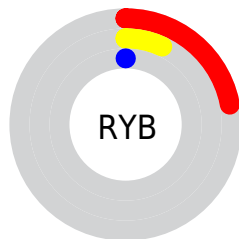
# Distribution



Red (22%)

Green (5%)

Blue (0%)



Red (22%)

Yellow (7%)

Blue (0%)

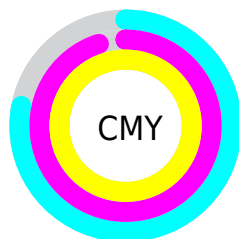


Cyan (0%)

Magenta (75%)

Yellow (100%)

Black (78%)



Cyan (78%)

Magenta (95%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 370E00 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 370E00 by changing the saturation by 10% instead.



 370E00

 370E00

 FFF1E2

 210001

 693A30

 000000

 835146

 9F6A5E

 BA8376

 D79E90

 F4B9AB

 FFD4C6

 370E00

■ 371205

■ 37160B

■ 371A11

■ 371E16

■ 37231C

■ 372721

■ 372B27

■ 372F2C

■ 373332

# Harmonies

## Analogous

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



390918



370E00



2D1600

# Triad

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



370E00



00230D



001C3D

# Complementary

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



370E00



002937

# 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.



00213B



370E00



002420

# Square

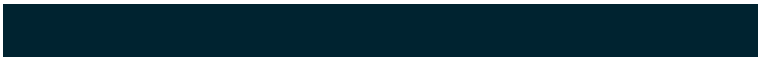
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



370E00



0E2000



002330



221536

# Rectangle

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



370E00



241A00



002330



001E3D



# Sweetspot

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



370E00



473732



370029



241A17



A3A3A3



242424



# Same Dimension

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



370E00



471200



372900



1C1A19



5C1700



DB3800



# Inverse Universe

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



002937



003547



000E37



191B1C



00445C

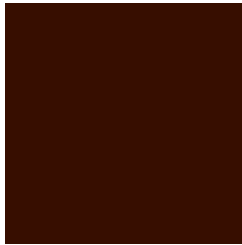


00A3DB



# Previews

## White Background



This preview shows how the Hex color 370E00 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

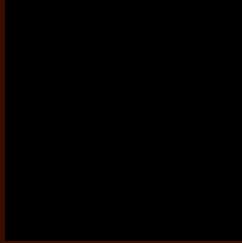
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 370E00 Background



This preview shows how black text looks on a background with the Hex color 370E00.

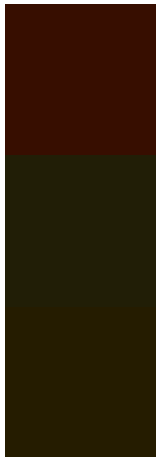


This preview shows how white text looks on a background with the Hex color 370E00.

# 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**  
370E00

**Protanopia**  
211E06

**Deuteranopia**  
251C00



**Tritanopia**  
370D0D

# Trichromacy



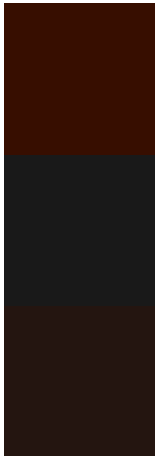
**Original Color**  
370E00

**Protanomaly**  
291804

**Deuteranomaly**  
2C1700

**Tritanomaly**  
370D08

# Monochromacy



**Original Color**  
370E00

**Achromatopsia**  
191919

**Achromatomaly**  
241510

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 370E00 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 #370E00 looks like.

```
.text, #text, p{  
    color:#370E00  
}
```

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 #370E00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #370E00
}
```

## Border

The CSS property to change the border of an element to Hex 370E00 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".

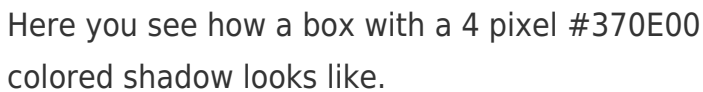
```
.border, #border, table{ border:4px solid
#370E00 }
```

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

```
.border{ border-color:#370E00 }
```

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

Here you see how a box with a 4 pixel #370E00 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #370E00; -webkit-box-shadow:4px 4px  
4px 4px #370E00; box-shadow:4px 4px 4px  
4px #370E00 }
```

# Background

The CSS property to change the background color of an element to Hex 370E00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#370E00 }
```

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

```
.background{ background-color:#370E00 }
```

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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