

# Converting Colors

Hex(372C00)

Have a look what the booklet for  
Hex(372C00) contains.

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**Color**

**Hex(372C00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	372C00
RGB	55, 44, 0
RGB Percent	22%, 17%, 0%
CMY	0.7843, 0.8275, 1.0000
CMYK	0.00, 0.20, 1.00, 0.78
HSL	48°, 100%, 11%
HSV	48°, 100%, 22%
XYZ	2.4762, 2.6136, 0.3740
YIQ	42.2730, 20.6800, -11.3520

# Conversions

## Conversions Part 2

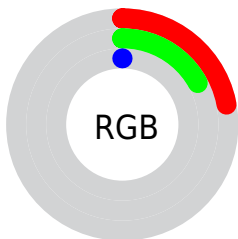
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	14, 55, 0
Decimal	3615744
CIE <sub>Lab</sub>	18.42, -0.16, 26.42
CIE <sub>LCh</sub>	18, 26.418, 90.342
Yxy	2.6136, 0.4532, 0.4783
Android (android.graphics.Color)	4281805824 (0xFF372C00)
YUV	42.2730, -20.8406, 11.1616
Hunter-Lab	16.1666, -0.9508, 9.9451

# Details

The Hex color **372C00** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **000B37**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **68592F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **372C00**, and if you desaturate by 10%, it is **372D05**.

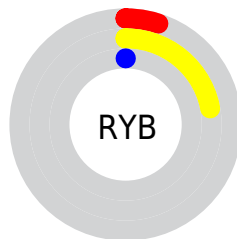
# Distribution



Red (22%)

Green (17%)

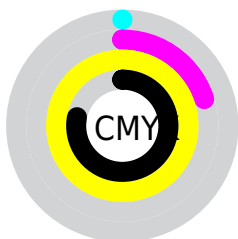
Blue (0%)



Red (5%)

Yellow (22%)

Blue (0%)

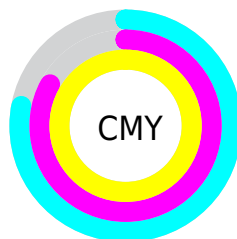


Cyan (0%)

Magenta (20%)

Yellow (100%)

Black (78%)



Cyan (78%)

Magenta (83%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 372C00 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 372C00 by changing the saturation by 10% instead.



 372C00

 372C00

 FFFFE3

 201800

 68592F

 000000

 827246

 9C8B5E

 B8A577

 D4C091

 F1DCAC

 FFF9C7

 372C00

■ 372D05

■ 372E0B

■ 372F11

■ 373016

■ 37321C

■ 373321

■ 373427

■ 37352C

■ 373632

# Harmonies

## Analogous

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



46250A



372C00



243108

# Triad

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



372C00



003640



442040

# Complementary

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



372C00



000B37

# 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.



2D284E



372C00



00344E

# Square

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



372C00



00362D



002F53



4F1B2D

# Rectangle

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



372C00



133413



002F53



3E2246



# Sweetspot

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



372C00



474332



37000B



242117



A3A3A3



242424



# Same Dimension

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



372C00



473900



273700



1C1B19



5C4900



DBAF00



# Inverse Universe

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



000B37



000E47



100037



191A1C



00125C



002CDB



# Previews

## White Background



This preview shows how the Hex color 372C00 looks on a white background.

## Color Contrast Check

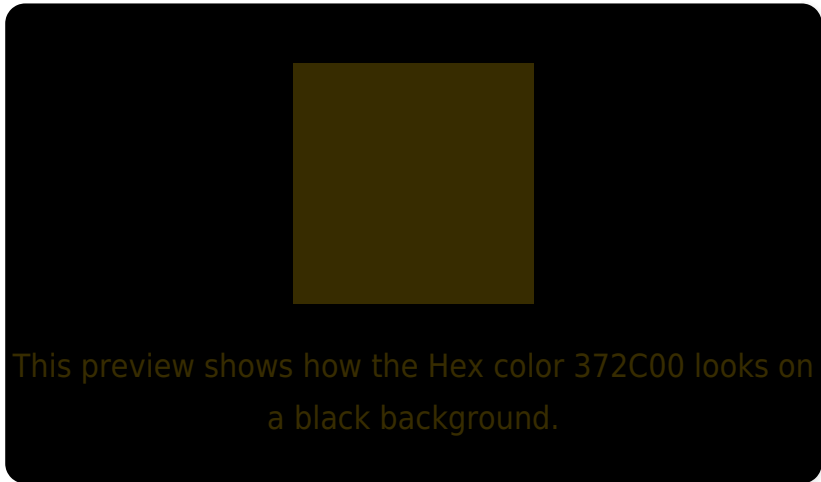
Large Text (above 18pt) WCAG AA ✓ Pass

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

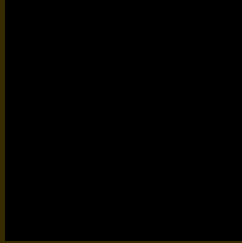
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 372C00 Background



This preview shows how black text looks on a background with the Hex color 372C00.

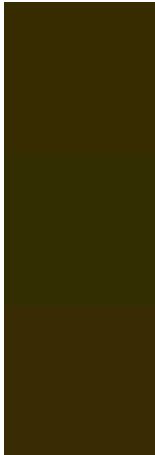


This preview shows how white text looks on a background with the Hex color 372C00.

# 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**  
372C00

**Protanopia**  
332D02

**Deuteranopia**  
392B04



**Tritanopia**  
39292C

# Trichromacy



**Original Color**  
372C00

**Protanomaly**  
342D01

**Deuteranomaly**  
382B03

**Tritanomaly**  
382A1C

# Monochromacy



**Original Color**  
372C00

**Achromatopsia**  
2A2A2A

**Achromatomaly**  
2F2B1B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 372C00 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 #372C00 looks like.

```
.text, #text, p{  
    color:#372C00  
}
```

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 #372C00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #372C00
}
```

## Border

The CSS property to change the border of an element to Hex 372C00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

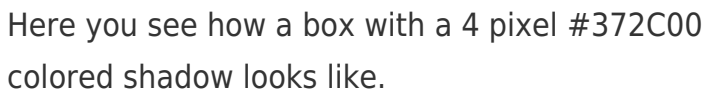
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#372C00 }
```

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

```
.border{ border-color:#372C00 }
```

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



Here you see how a box with a 4 pixel #372C00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #372C00; -webkit-box-shadow:4px 4px  
4px 4px #372C00; box-shadow:4px 4px 4px  
4px #372C00 }
```

# Background

The CSS property to change the background color of an element to Hex 372C00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#372C00 }
```

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

```
.background{ background-color:#372C00 }
```

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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