

# Converting Colors

Hex(372A00)

Have a look what the booklet for  
Hex(372A00) contains.

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**Color**

**Hex(372A00)**

# Conversions

## Conversions Part 1

Format	Color
Hex	372A00
RGB	55, 42, 0
RGB Percent	22%, 16%, 0%
CMY	0.7843, 0.8353, 1.0000
CMYK	0.00, 0.24, 1.00, 0.78
HSL	46°, 100%, 11%
HSV	46°, 100%, 22%
XYZ	2.4035, 2.4682, 0.3497
YIQ	41.0990, 21.2300, -10.3060

# Conversions

## Conversions Part 2

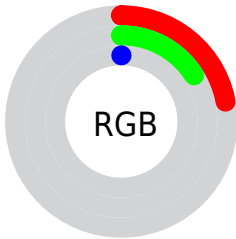
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	17, 55, 0
Decimal	3615232
CIE Lab	17.77, 1.18, 25.64
CIE LCh	18, 25.670, 87.361
Yxy	2.4682, 0.4603, 0.4727
Android (android.graphics.Color)	4281805312 (0xFF372A00)
YUV	41.0990, -20.2618, 12.1912
Hunter-Lab	15.7104, -0.1846, 9.6774

# Details

The Hex color **372A00** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **000D37**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **68572F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **372A00**, and if you desaturate by 10%, it is **372B05**.

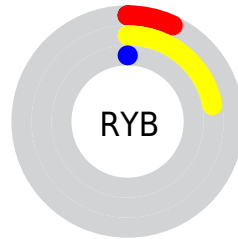
# Distribution



Red (22%)

Green (16%)

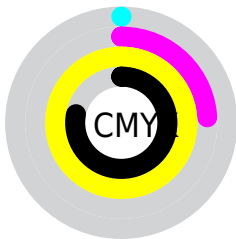
Blue (0%)



Red (7%)

Yellow (22%)

Blue (0%)

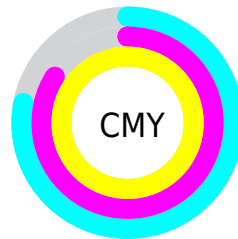


Cyan (0%)

Magenta (24%)

Yellow (100%)

Black (78%)



Cyan (78%)

Magenta (84%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 372A00 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 372A00 by changing the saturation by 10% instead.



 372A00

 372A00

 FFFFE3

 201600

 68572F

 000000

 826F46

 9C895E

 B8A377

 D4BE91

 F1DAAC

 FFF6C7

 372A00

■ 372B05

■ 372D0B

■ 372E11

■ 372F16

■ 37311C

■ 373221

■ 373327

■ 37342C

■ 373632

# Harmonies

## Analogous

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



45230B



372A00



252F06

# Triad

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



372A00



00343C



401F40

# Complementary

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



372A00



000D37

# 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.



29274C



372A00



00324A

# Square

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



372A00



003429



002E50



4C1A2E

# Rectangle

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



372A00



153211



002E50



3A2245



# Sweetspot

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



372A00



474232



37000E



242117



A3A3A3



242424



# Same Dimension

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



372A00



473700



293700



1C1B19



5C4600



DBA700



# Inverse Universe

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



000D37



001147



0E0037



191A1C



00165C

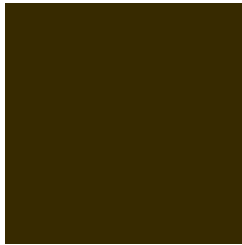


0034DB



# Previews

## White Background



This preview shows how the Hex color 372A00 looks on a white background.

## Color Contrast Check

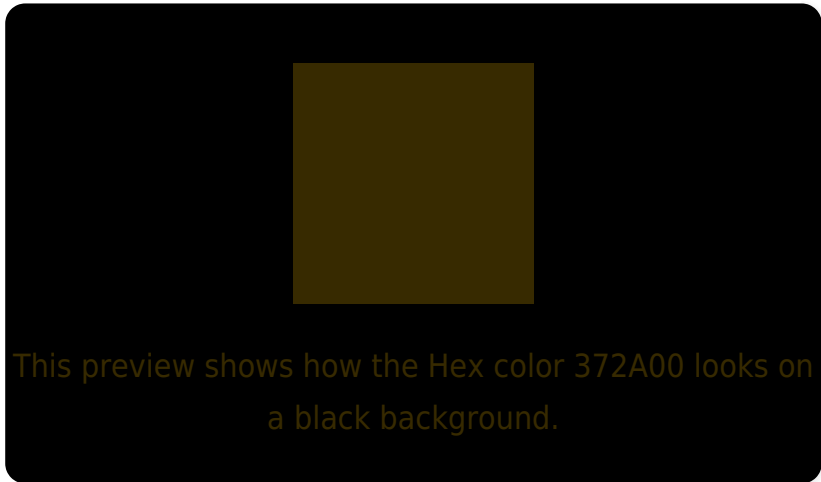
Large Text (above 18pt) WCAG AA ✓ Pass

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

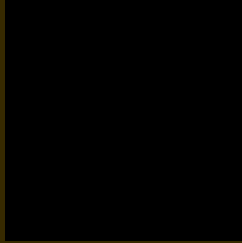
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 372A00 Background



This preview shows how black text looks on a background with the Hex color 372A00.



This preview shows how white text looks on a background with the Hex color 372A00.

# 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](#).

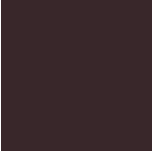
## Dichromacy



**Original Color**  
372A00

**Protanopia**  
322C03

**Deuteranopia**  
382A02



**Tritanopia**  
39272A

# Trichromacy



**Original Color**  
372A00

**Protanomaly**  
342B02

**Deuteranomaly**  
382A01

**Tritanomaly**  
38281B

# Monochromacy



**Original Color**  
372A00

**Achromatopsia**  
292929

**Achromatomaly**  
2E291A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 372A00 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 #372A00 looks like.

```
.text, #text, p{  
    color:#372A00  
}
```

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 #372A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #372A00
}
```

## Border

The CSS property to change the border of an element to Hex 372A00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

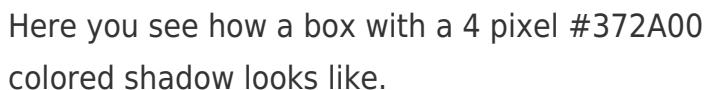
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#372A00 }
```

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

```
.border{ border-color:#372A00 }
```

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



Here you see how a box with a 4 pixel #372A00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #372A00; -webkit-box-shadow:4px 4px  
4px 4px #372A00; box-shadow:4px 4px 4px  
4px #372A00 }
```

# Background

The CSS property to change the background color of an element to Hex 372A00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#372A00 }
```

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

```
.background{ background-color:#372A00 }
```

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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