

# Converting Colors

Hex(372211)

Have a look what the booklet for  
Hex(372211) contains.

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# Color

**Hex(372211)**

# Conversions

## Conversions Part 1

Format	Color
Hex	372211
RGB	55, 34, 17
RGB Percent	22%, 13%, 7%
CMY	0.7843, 0.8667, 0.9333
CMYK	0.00, 0.38, 0.69, 0.78
HSL	27°, 53%, 14%
HSV	27°, 69%, 22%
XYZ	2.2488, 1.9968, 0.7972
YIQ	38.3410, 17.9730, -0.8350

# Conversions

## Conversions Part 2

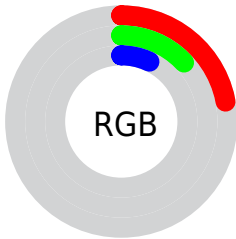
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	55, 48, 17
Decimal	3613201
CIE Lab	15.47, 7.89, 15.27
CIE LCh	15, 17.189, 62.669
Yxy	1.9968, 0.4459, 0.3960
Android (android.graphics.Color)	4281803281 (0xFF372211)
YUV	38.3410, -10.5211, 14.6099
Hunter-Lab	14.1306, 3.6779, 6.5465

# Details

The Hex color **372211** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **112637**, and the grayscale version is **262626**.

A 20% lighter version of the original color is **684E3B**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **371F0B**, and if you desaturate by 10%, it is **372516**.

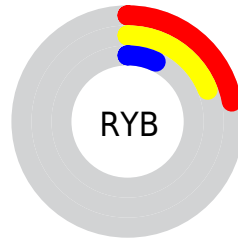
# Distribution



 Red (22%)

 Green (13%)

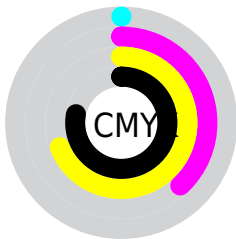
 Blue (7%)




 Red (22%)

 Yellow (19%)

 Blue (7%)

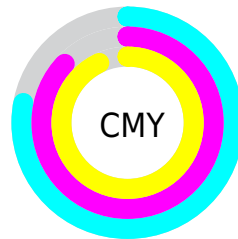


 Cyan (0%)

 Magenta (38%)

 Yellow (69%)

 Black (78%)



 Cyan (78%)

 Magenta (87%)

 Yellow (93%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 372211 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 372211 by changing the saturation by 10% instead.



 372211


 372211

 FFFFFF1

 210D00

 684E3B

 000000

 816653

 9C7F6B

 B79984

 D3B49E

 F0D0B9

 FFECD5

 372211

 372211

■ 371F0B

■ 372516

■ 371C06

■ 37281C

■ 371900

■ 372B21

■ 372E27

■ 37312C

■ 373432

■ 373737

■ 373A3D

■ 373D43

# Harmonies

## Analogous

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



3D1E1A



372211



2D260D

# Triad

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



372211



002D27



29233B

# Complementary

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



372211



112637

# 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.



14283F



372211



002D33

# Square

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



372211



112C1B



002B3C



371F32

# Rectangle

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



372211



25290F



002B3C



23253D



# Sweetspot

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



372211



473F38



371127



241F1B



A3A3A3



242424



# Same Dimension

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



372211



47270C



373411



1C1A19



5C2900



DB6200



# Inverse Universe

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



112637



0C2D47



111437



191B1C



00335C

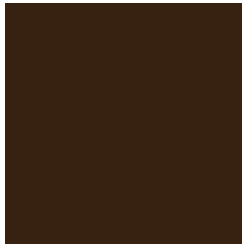


0079DB



# Previews

## White Background



This preview shows how the Hex color 372211 looks on a white background.

## Color Contrast Check

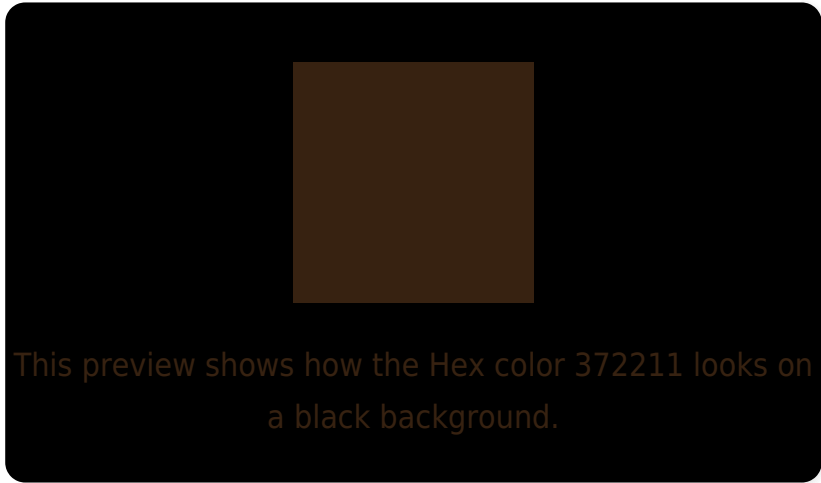
Large Text (above 18pt) WCAG AA ✓ Pass

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

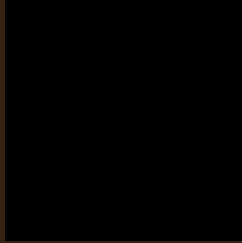
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 372211 Background



This preview shows how black text looks on a background with the Hex color 372211.

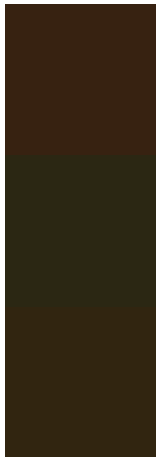


This preview shows how white text looks on a background with the Hex color 372211.

# 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



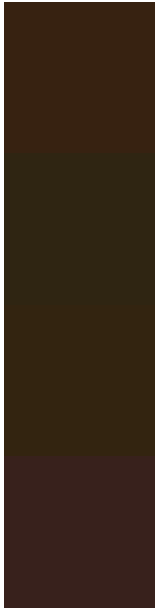
**Original Color**  
372211

**Protanopia**  
2B2713

**Deuteranopia**  
312510



# Trichromacy



**Original Color**  
372211

**Protanomaly**  
2F2512

**Deuteranomaly**  
332410

**Tritanomaly**  
38211C

# Monochromacy



**Original Color**  
372211

**Achromatopsia**  
262626

**Achromatomaly**  
2C251E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 372211 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 #372211 looks like.

```
.text, #text, p{  
    color:#372211  
}
```

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 #372211 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #372211
}
```

## Border

The CSS property to change the border of an element to Hex 372211 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
#372211 }
```

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

```
.border{ border-color:#372211 }
```

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

Here you see how a box with a 4 pixel #372211 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #372211; -webkit-box-shadow:4px 4px  
4px 4px #372211; box-shadow:4px 4px 4px  
4px #372211 }
```

# Background

The CSS property to change the background color of an element to Hex 372211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#372211 }
```

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

```
.background{ background-color:#372211 }
```

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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