

# Converting Colors

Hex(372238)

Have a look what the booklet for  
Hex(372238) contains.

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# Color

**Hex(372238)**

# Conversions

## Conversions Part 1

| Format      | Color                    |
|-------------|--------------------------|
| Hex         | 372238                   |
| RGB         | 55, 34, 56               |
| RGB Percent | 22%, 13%, 22%            |
| CMY         | 0.7843, 0.8667, 0.7804   |
| CMYK        | 0.02, 0.39, 0.00, 0.78   |
| HSL         | 297°, 24%, 18%           |
| HSV         | 297°, 39%, 22%           |
| XYZ         | 2.8614, 2.2418, 4.0233   |
| YIQ         | 42.7870, 5.4540, 11.2940 |

# Conversions

## Conversions Part 2

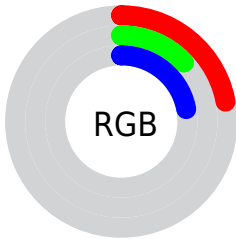
| <b>Format</b>                       | <b>Color</b>                |
|-------------------------------------|-----------------------------|
| <b>RYB</b>                          | 55, 34, 56                  |
| Decimal                             | 3613240                     |
| CIELab                              | 16.71, 14.56, -10.22        |
| CIElCh                              | 17, 17.789, 324.929         |
| Yxy                                 | 2.2418, 0.3135,<br>0.2456   |
| Android<br>(android.graphics.Color) | 4281803320<br>(0xFF372238)  |
| YUV                                 | 42.7870, 6.5140,<br>10.7108 |
| Hunter-Lab                          | 14.9727, 7.9105,<br>-5.4509 |

# Details

The Hex color **372238** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **233822**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **664F67**, and **00000B** is the 20% darker color. If you saturate the color by 10%, you get **371C38**, and if you desaturate by 10%, it is **372838**.

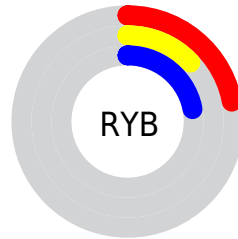
# Distribution



Red (22%)

Green (13%)

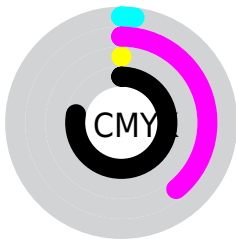
Blue (22%)



Red (22%)

Yellow (13%)

Blue (22%)

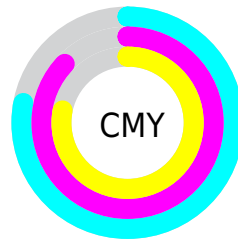


Cyan (2%)

Magenta (39%)

Yellow (0%)

Black (78%)



Cyan (78%)

Magenta (87%)

Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 372238 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 372238 by changing the saturation by 10% instead.





372238



372238

FFFFFF



210D23



664F67



00000B



806780



000000



9A809A



B59AB5



D0B5D0



EDD1ED



FFEDFF



372238



372238

■ 371C38

■ 372838

■ 361738

■ 382D38

■ 361138

■ 383338

■ 360C38

■ 383838

■ 360638

■ 383E38

■ 350038

■ 394438

■ 394938

■ 394F38

■ 395438

# Harmonies

## Analogous

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



272740



372238



401F2C

# Triad

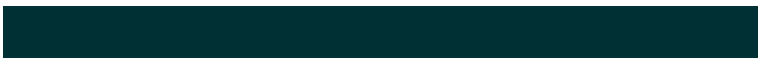
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



372238



33280F



003034

# Complementary

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



372238



233822

# 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.



023027



372238



262C11

# Square

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



372238



3C2315



172E1A



002E3E

# Rectangle

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



372238



411F23



172E1A



00302F



# Sweetspot

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



372238



4A414A



222338



262126



A6A6A6



262626



# Same Dimension

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



372238



48274A



38222E



1C191C



58005C



D100DB



# Inverse Universe

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



382223



4A2729



22382C



1C1919



5C0004



DB000A



# Previews

## White Background



This preview shows how the Hex color 372238 looks on a white background.

## Color Contrast Check

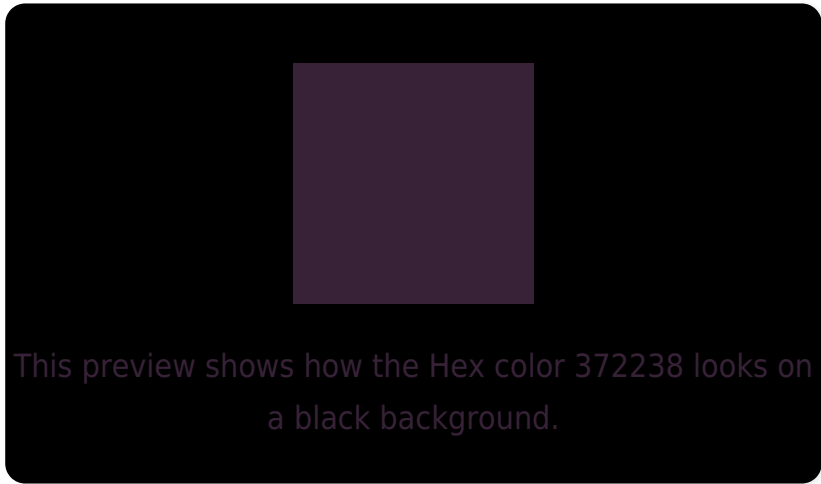
Large Text (above 18pt) WCAG AA ✓ Pass

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

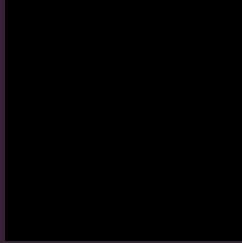
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 372238 Background



This preview shows how black text looks on a background with the Hex color 372238.



This preview shows how white text looks on a background with the Hex color 372238.

# 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**  
372238

**Protanopia**  
23293D

**Deuteranopia**  
272937



**Tritanopia**  
352528

# Trichromacy



**Original Color**

372238

**Protanomaly**

2A263B

**Deuteranomaly**

2D2637

**Tritanomaly**

36242E

# Monochromacy



**Original Color**

372238

**Achromatopsia**

2B2B2B

**Achromatomaly**

2F2830

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 372238 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 #372238 looks like.

```
.text, #text, p{  
    color:#372238  
}
```

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 #372238 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #372238
}
```

## Border

The CSS property to change the border of an element to Hex 372238 is called "border". The border property can be set on classes, ids or directly on the HTML element.

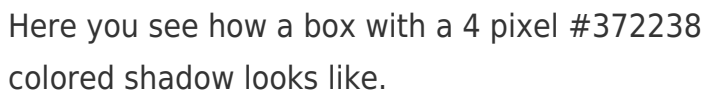
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#372238 }
```

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

```
.border{ border-color:#372238 }
```

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



Here you see how a box with a 4 pixel `#372238` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #372238; -webkit-box-shadow:4px 4px  
4px 4px #372238; box-shadow:4px 4px 4px  
4px #372238 }
```

# Background

The CSS property to change the background color of an element to Hex 372238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#372238 }
```

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

```
.background{ background-color:#372238 }
```

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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