

Converting Colors

Hex(372146)

Have a look what the booklet for
Hex(372146) contains.

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Color

Hex(372146)

Conversions

Conversions Part 1

Format	Color
Hex	372146
RGB	55, 33, 70
RGB Percent	22%, 13%, 27%
CMY	0.7843, 0.8706, 0.7255
CMYK	0.21, 0.53, 0.00, 0.73
HSL	276°, 36%, 20%
HSV	276°, 53%, 27%
XYZ	3.2249, 2.3421, 6.0765
YIQ	43.7960, 1.2350, 16.1710

Conversions

Conversions Part 2

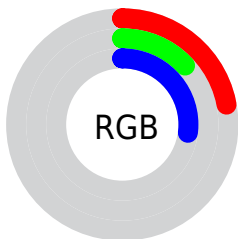
Format	Color
R_YB	55, 33, 70
Decimal	3612998
CIE _{Lab}	17.19, 18.81, -19.21
CIE _{LCh}	17, 26.885, 314.405
Yxy	2.3421, 0.2770, 0.2012
Android (android.graphics.Color)	4281803078 (0xFF372146)
YUV	43.7960, 12.9186, 9.8259
Hunter-Lab	15.3040, 10.8318, -12.8282

Details

The Hex color **372146** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **304621**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **674E77**, and **01001B** is the 20% darker color. If you saturate the color by 10%, you get **341A46**, and if you desaturate by 10%, it is **3A2846**.

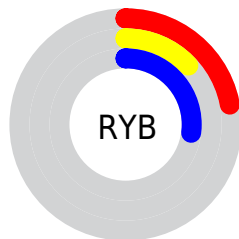
Distribution



Red (22%)

Green (13%)

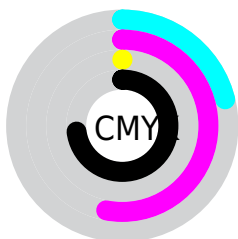
Blue (27%)



Red (22%)

Yellow (13%)

Blue (27%)

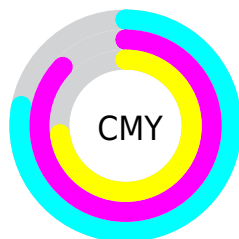


Cyan (21%)

Magenta (53%)

Yellow (0%)

Black (73%)



Cyan (78%)

Magenta (87%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 372146 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 372146 by changing the saturation by 10% instead.

■ 372146

■ 372146

FFFFFF

■ 210C2F

■ 674E77

■ 01001B

■ 806690

■ 000000

■ 9B7FAB

■ B699C6

■ D1B4E2

■ EED0FF

■ FFECFF

■ 372146

■ 372146

■ 341A46

■ 3A2846

■ 311346

■ 3D2F46

■ 2E0C46

■ 403646

■ 2C0546

■ 423D46

■ 2A0046

■ 454446

■ 484B46

■ 4B5246

■ 4E5946

■ 516046

Harmonies

Analogous

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



152950



372146



481935

Triad

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



372146



3D2600



003333

Complementary

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



372146



304621

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.



00331F



372146



2C2C00

Square

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



372146



481E10



15300C



003245

Rectangle

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



372146



4D1728



15300C



00332D

Sweetspot

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



372146



564D5C



213046



2A252E



ADADAD



2E2E2E

Same Dimension

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



372146



44225C



462143



222024



3B0063



8700E3

Inverse Universe

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



462130



5C2239



214624



242022



630028



E3005C

Previews

White Background



This preview shows how the Hex color 372146 looks on a white background.

Color Contrast Check

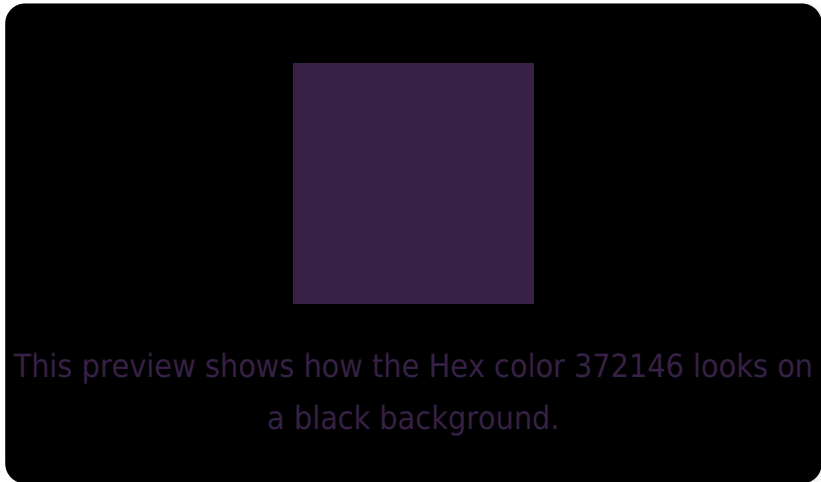
Large Text (above 18pt) WCAG AA ✓ Pass

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

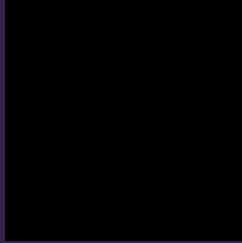
Any Text WCAG AA × Fail

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 372146 Background



This preview shows how black text looks on a background with the Hex color 372146.



This preview shows how white text looks on a background with the Hex color 372146.

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
372146

Protanopia
182A4E

Deuteranopia
1C2B44



Tritanopia
33282B

Trichromacy



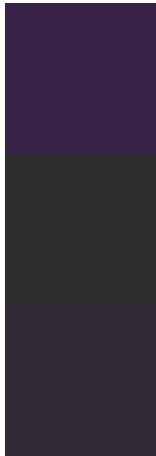
Original Color
372146

Protanomaly
23274B

Deuteranomaly
262745

Tritanomaly
342535

Monochromacy



Original Color
372146

Achromatopsia
2C2C2C

Achromatomaly
302835

CSS Examples

Text

The CSS property to change the color of the text to Hex 372146 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 #372146 looks like.

```
.text, #text, p{  
    color:#372146  
}
```

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 #372146 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #372146
}
```

Border

The CSS property to change the border of an element to Hex 372146 is called "border". The border property can be set on classes, ids or directly on the HTML element.

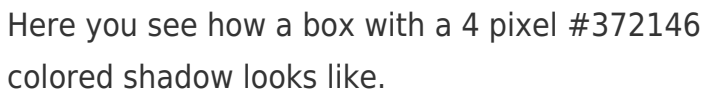
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#372146 }
```

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

```
.border{ border-color:#372146 }
```

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



Here you see how a box with a 4 pixel #372146 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #372146; -webkit-box-shadow:4px 4px  
4px 4px #372146; box-shadow:4px 4px 4px  
4px #372146 }
```

Background

The CSS property to change the background color of an element to Hex 372146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#372146 }
```

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

```
.background{ background-color:#372146 }
```

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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