

Converting Colors

Hex(371B50)

Have a look what the booklet for
Hex(371B50) contains.

Hex(371B50)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(371B50)

Conversions

Conversions Part 1

Format	Color
Hex	371B50
RGB	55, 27, 80
RGB Percent	22%, 11%, 31%
CMY	0.7843, 0.8941, 0.6863
CMYK	0.31, 0.66, 0.00, 0.69
HSL	272°, 50%, 21%
HSV	272°, 66%, 31%
XYZ	3.4154, 2.1753, 7.8293
YIQ	41.4140, -0.3250, 22.4190

Conversions

Conversions Part 2

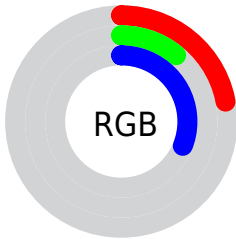
Format	Color
RYB	55, 27, 80
Decimal	3611472
CIELab	16.38, 25.42, -27.34
CIElCh	16, 37.330, 312.920
Yxy	2.1753, 0.2545, 0.1621
Android (android.graphics.Color)	4281801552 (0xFF371B50)
YUV	41.4140, 19.0229, 11.9149
Hunter-Lab	14.7488, 15.5256, -21.1494

Details

The Hex color **371B50** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **34501B**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **684882**, and **000023** is the 20% darker color. If you saturate the color by 10%, you get **331350**, and if you desaturate by 10%, it is **3B2350**.

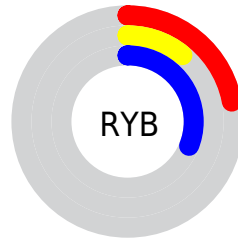
Distribution



Red (22%)

Green (11%)

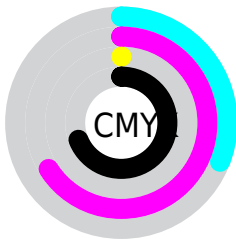
Blue (31%)



Red (22%)

Yellow (11%)

Blue (31%)

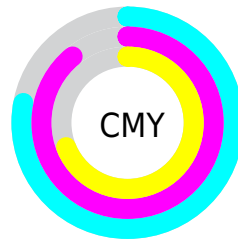


Cyan (31%)

Magenta (66%)

Yellow (0%)

Black (69%)



Cyan (78%)

Magenta (89%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 371B50 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 371B50 by changing the saturation by 10% instead.

 371B50

 371B50

FFFFFF

 200539

 684882

 000023

 82609C

 000009

 9C79B7

 000000

 B893D3

 D4AEEF

 F0CAFF

 FFE6FF

 371B50

 371B50

■ 331350

■ 3B2350

■ 2F0B50

■ 3F2B50

■ 2C0350

■ 423350

■ 2A0050

■ 463B50

■ 4A4350

■ 4E4B50

■ 515350

■ 555B50

■ 596350

Harmonies

Analogous

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



00285D



371B50



4F0939

Triad

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



371B50



402200



003434

Complementary

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



371B50



34501B

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.



003318



371B50



292B00

Square

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



371B50



501300



0A3000



00334D

Rectangle

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



371B50



560327



0A3000



00342B

Sweetspot

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



371B50



5F5469



1B3550



2F2936



B5B5B5



363636

Same Dimension

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



371B50



411569



501B4F



272529



370069



7B00E8

Inverse Universe

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



501B34



69153C



1B501C



292527



690031



E8006D

Previews

White Background



This preview shows how the Hex color 371B50 looks on a white background.

Color Contrast Check

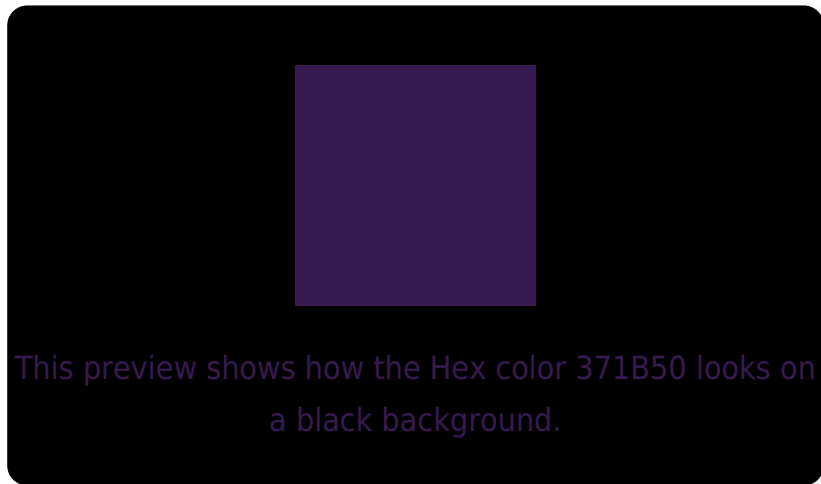
Large Text (above 18pt) WCAG AA ✓ Pass

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

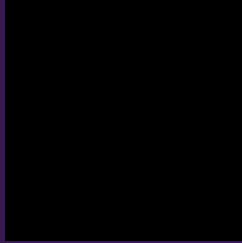
Any Text WCAG AA × Fail

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 371B50 Background



This preview shows how black text looks on a background with the Hex color 371B50.



This preview shows how white text looks on a background with the Hex color 371B50.

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
371B50

Protanopia
002855

Deuteranopia
002A4A



Tritanopia
30272A

Trichromacy



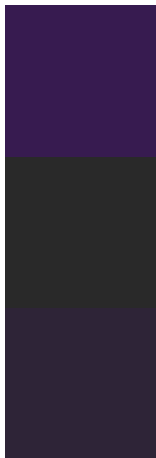
Original Color
371B50

Protanomaly
142353

Deuteranomaly
14254C

Tritanomaly
332338

Monochromacy



Original Color
371B50

Achromatopsia
292929

Achromatomaly
2E2437

CSS Examples

Text

The CSS property to change the color of the text to Hex 371B50 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 #371B50 looks like.

```
.text, #text, p{  
    color:#371B50  
}
```

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 #371B50 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #371B50
}
```

Border

The CSS property to change the border of an element to Hex 371B50 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
#371B50 }
```

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

```
.border{ border-color:#371B50 }
```

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

Here you see how a box with a 4 pixel #371B50 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #371B50; -webkit-box-shadow:4px 4px  
4px 4px #371B50; box-shadow:4px 4px 4px  
4px #371B50 }
```

Background

The CSS property to change the background color of an element to Hex 371B50 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#371B50 }
```

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

```
.background{ background-color:#371B50 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor