

Converting Colors

Hex(371B8A)

Have a look what the booklet for
Hex(371B8A) contains.

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Color

Hex(371B8A)

Conversions

Conversions Part 1

Format	Color
Hex	371B8A
RGB	55, 27, 138
RGB Percent	22%, 11%, 54%
CMY	0.7843, 0.8941, 0.4588
CMYK	0.60, 0.80, 0.00, 0.46
HSL	255°, 67%, 32%
HSV	255°, 80%, 54%
XYZ	6.5549, 3.4311, 24.3615
YIQ	48.0260, -18.9430, 40.4570

Conversions

Conversions Part 2

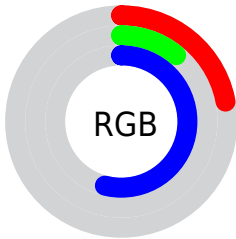
Format	Color
RYB	55, 27, 138
Decimal	3611530
CIELab	21.69, 42.57, -56.43
CIELCh	22, 70.685, 307.032
Yxy	3.4311, 0.1908, 0.0999
Android (android.graphics.Color)	4281801610 (0xFF371B8A)
YUV	48.0260, 44.3572, 6.1162
Hunter-Lab	18.5231, 30.7517, -65.0117

Details

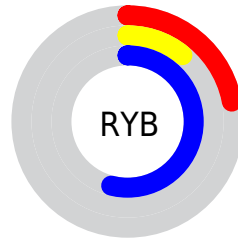
The Hex color **371B8A** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **6E8A1B**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **704BC1**, and **000057** is the 20% darker color. If you saturate the color by 10%, you get **2D0D8A**, and if you desaturate by 10%, it is **41298A**.

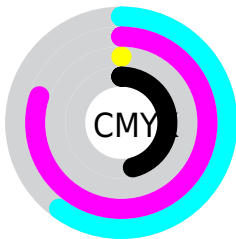
Distribution



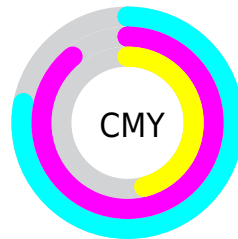
- Red (22%)
- Green (11%)
- Blue (54%)



- Red (22%)
- Yellow (11%)
- Blue (54%)



- Cyan (60%)
- Magenta (80%)
- Yellow (0%)
- Black (46%)



- Cyan (78%)
- Magenta (89%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 371B8A 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 371B8A by changing the saturation by 10% instead.

■ 371B8A

■ 371B8A

FFFFFF

■ 140270

■ 704BC1

■ 000057

■ 8C64DD

■ 00013E

■ A97DFA

■ 000328

■ C598FF

■ 000111

■ E3B3FF

■ 000000

■ FFCFFF

■ FFE8FF

■ 371B8A

■ 371B8A

■ 2D0D8A

■ 41298A

■ 23008A

■ 4C378A

■ 56448A

■ 60528A

■ 6B608A

■ 756E8A

■ 7F7C8A

■ 8A898A

■ 94978A

Harmonies

Analogous

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



0039A0



371B8A



77005E

Triad

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



371B8A



601F00



004640

Complementary

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



371B8A



6E8A1B

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.



004402



371B8A



363700

Square

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



371B8A



7D0000



004000



004773

Rectangle

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



371B8A



86003C



004000



00452D

Sweetspot

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



371B8A



9288B3



1B6E8A



463F59



D9D9D9



595959

Same Dimension

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



371B8A



3105B3



6E1B8A



403E45



210085



010005

Inverse Universe

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



8A1B6E



B30587



378A1B



453E43



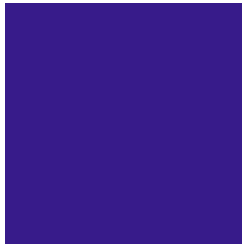
850063



050004

Previews

White Background



This preview shows how the Hex color 371B8A looks on a white background.

Color Contrast Check

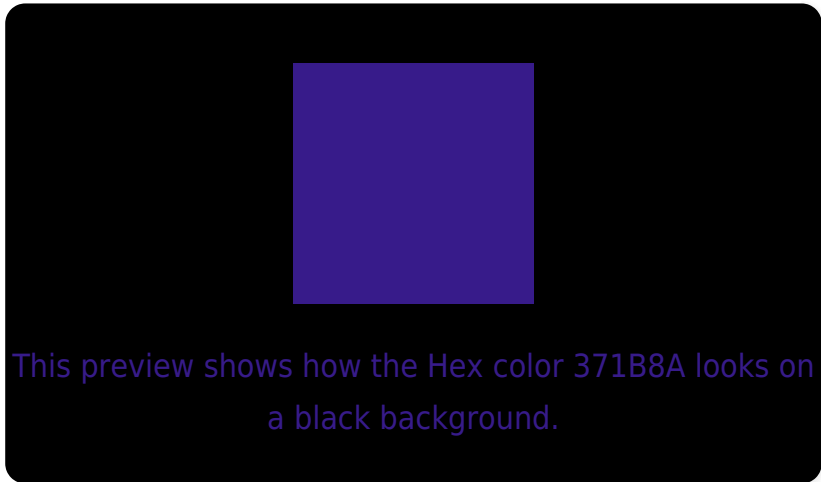
Large Text (above 18pt) WCAG AA ✓ Pass

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

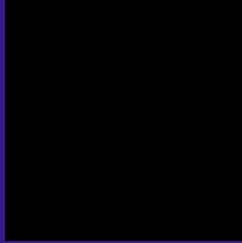
Any Text WCAG AA × Fail

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 371B8A Background



This preview shows how black text looks on a background with the Hex color 371B8A.



This preview shows how white text looks on a background with the Hex color 371B8A.

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
371B8A

Protanopia
00336B

Deuteranopia
00365C



Tritanopia
123A3F

Trichromacy



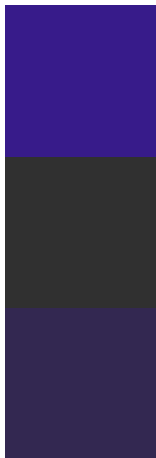
Original Color
371B8A

Protanomaly
142A76

Deuteranomaly
142C6D

Tritanomaly
1F2F5A

Monochromacy



Original Color
371B8A

Achromatopsia
303030

Achromatomaly
332851

CSS Examples

Text

The CSS property to change the color of the text to Hex 371B8A 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 #371B8A looks like.

```
.text, #text, p{  
    color:#371B8A  
}
```

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 #371B8A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #371B8A
}
```

Border

The CSS property to change the border of an element to Hex 371B8A is called "border". The border property can be set on classes, ids or directly on the HTML element.

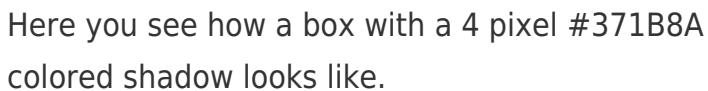
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#371B8A }
```

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

```
.border{ border-color:#371B8A }
```

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



Here you see how a box with a 4 pixel #371B8A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #371B8A; -webkit-box-shadow:4px 4px  
4px 4px #371B8A; box-shadow:4px 4px 4px  
4px #371B8A }
```

Background

The CSS property to change the background color of an element to Hex 371B8A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#371B8A }
```

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

```
.background{ background-color:#371B8A }
```

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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