

Converting Colors

Hex(371468)

Have a look what the booklet for
Hex(371468) contains.

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Color

Hex(371468)

Conversions

Conversions Part 1

Format	Color
Hex	371468
RGB	55, 20, 104
RGB Percent	22%, 8%, 41%
CMY	0.7843, 0.9216, 0.5922
CMYK	0.47, 0.81, 0.00, 0.59
HSL	265°, 68%, 24%
HSV	265°, 81%, 41%
XYZ	4.3244, 2.3120, 13.3150
YIQ	40.0410, -6.1040, 33.5440

Conversions

Conversions Part 2

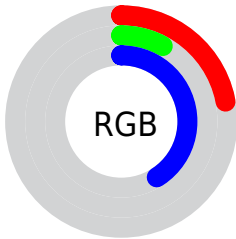
Format	Color
RYB	55, 20, 104
Decimal	3609704
CIELab	17.05, 36.06, -42.30
CIELCh	17, 55.579, 310.448
Yxy	2.3120, 0.2167, 0.1159
Android (android.graphics.Color)	4281799784 (0xFF371468)
YUV	40.0410, 31.5318, 13.1190
Hunter-Lab	15.2053, 24.1562, -41.2756

Details

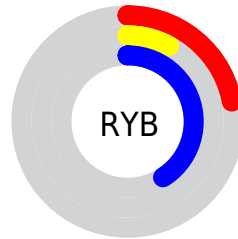
The Hex color **371468** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **456814**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **6B439C**, and **000038** is the 20% darker color. If you saturate the color by 10%, you get **310A68**, and if you desaturate by 10%, it is **3D1E68**.

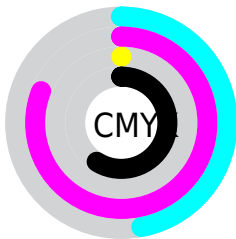
Distribution



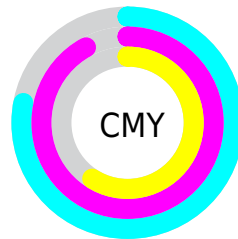
- Red (22%)
- Green (8%)
- Blue (41%)



- Red (22%)
- Yellow (8%)
- Blue (41%)



- Cyan (47%)
- Magenta (81%)
- Yellow (0%)
- Black (59%)



- Cyan (78%)
- Magenta (92%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 371468 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 371468 by changing the saturation by 10% instead.

■ 371468

■ 371468

FFFEFF

■ 1C004F

■ 6B439C

■ 000038

■ 865BB7

■ 000221

■ A175D3

■ 000007

■ BD8FF0

■ 000000

■ DAAFF

■ F7C5FF

■ FFE1FF

■ 371468

■ 371468

■ 310A68

■ 3D1E68

■ 2B0068

■ 432968

■ 493368

■ 4F3E68

■ 554868

■ 5B5268

■ 615D68

■ 686768

■ 6E7268

Harmonies

Analogous

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



002C7B



371468



600046

Triad

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



371468



491D00



003938

Complementary

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



371468



456814

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.



00370C



371468



282D00

Square

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



371468



610000



003400



00395E

Rectangle

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



371468



6A002B



003400



00382A

Sweetspot

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



371468



746787



144568



393145



C4C4C4



454545

Same Dimension

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



371468



3B0487



611468



302E33



300073



6500F2

Inverse Universe

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



681445



870451



1B6814



332E31



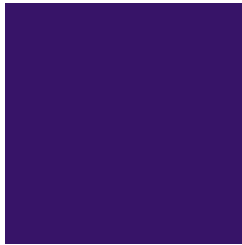
730043



F2008D

Previews

White Background



This preview shows how the Hex color 371468 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

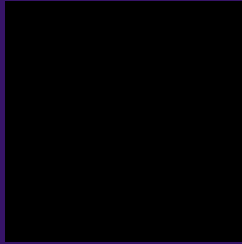
Any Text WCAG AA × Fail

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 371468 Background



This preview shows how black text looks on a background with the Hex color 371468.



This preview shows how white text looks on a background with the Hex color 371468.

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
371468

Protanopia
002A58

Deuteranopia
002D4C



Tritanopia
282C2F

Trichromacy



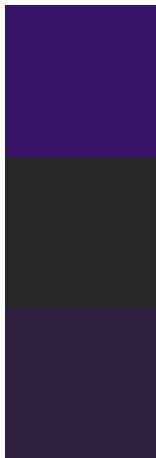
Original Color
371468

Protanomaly
14225E

Deuteranomaly
142456

Tritanomaly
2D2344

Monochromacy



Original Color
371468

Achromatopsia
282828

Achromatomaly
2D213F

CSS Examples

Text

The CSS property to change the color of the text to Hex 371468 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 #371468 looks like.

```
.text, #text, p{  
    color:#371468  
}
```

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 #371468 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #371468
}
```

Border

The CSS property to change the border of an element to Hex 371468 is called "border". The border property can be set on classes, ids or directly on the HTML element.

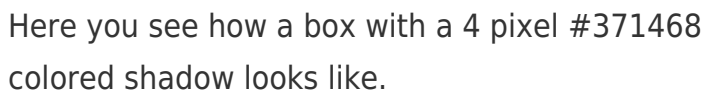
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#371468 }
```

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

```
.border{ border-color:#371468 }
```

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



Here you see how a box with a 4 pixel #371468 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #371468; -webkit-box-shadow:4px 4px  
4px 4px #371468; box-shadow:4px 4px 4px  
4px #371468 }
```

Background

The CSS property to change the background color of an element to Hex 371468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#371468 }
```

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

```
.background{ background-color:#371468 }
```

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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