

# Converting Colors

Hex(371229)

Have a look what the booklet for  
Hex(371229) contains.

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**Color**

**Hex(371229)**

# Conversions

## Conversions Part 1

Format	Color
Hex	371229
RGB	55, 18, 41
RGB Percent	22%, 7%, 16%
CMY	0.7843, 0.9294, 0.8392
CMYK	0.00, 0.67, 0.25, 0.78
HSL	323°, 51%, 14%
HSV	323°, 67%, 22%
XYZ	2.1921, 1.4049, 2.2535
YIQ	31.6850, 14.6690, 14.9970

# Conversions

## Conversions Part 2

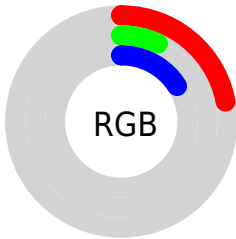
Format	Color
<b>RYB</b>	55, 18, 41
Decimal	3609129
CIELab	11.99, 21.68, -6.65
CIELCh	12, 22.673, 342.940
Yxy	1.4049, 0.3747, 0.2401
Android (android.graphics.Color)	4281799209 (0xFF371229)
YUV	31.6850, 4.5923, 20.4473
Hunter-Lab	11.8530, 12.2691, -2.9750

# Details

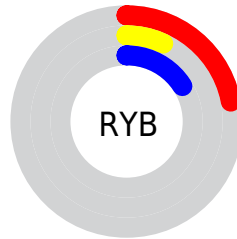
The Hex color **371229** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **123720**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **673E56**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **370D27**, and if you desaturate by 10%, it is **37182B**.

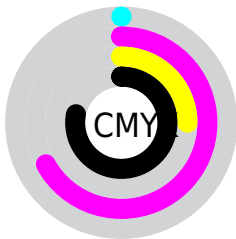
# Distribution



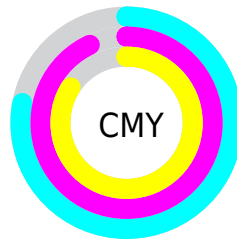
- Red (22%)
- Green (7%)
- Blue (16%)



- Red (22%)
- Yellow (7%)
- Blue (16%)



- Cyan (0%)
- Magenta (67%)
- Yellow (25%)
- Black (78%)



- Cyan (78%)
- Magenta (93%)
- Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 371229 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 371229 by changing the saturation by 10% instead.



 371229


 371229

 FFF7FF

 230015

 673E56

 000000

 81566F

 9B6F88

 B789A2

 D2A3BD

 EFBED9

 FFDAF5

 371229

 371229

■ 370D27

■ 37182B

■ 370725

■ 371D2D

■ 370223

■ 37232F

■ 370022

■ 372831

■ 372E33

■ 373335

■ 373938

■ 373E3A

■ 37443C

# Harmonies

## Analogous

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



291836



371229



3C1019

# Triad

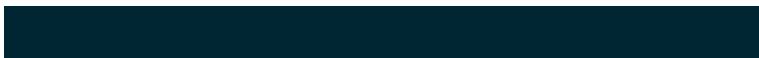
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



371229



232100



002634

# Complementary

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



371229



123720

# 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.



002726



371229



112402

# Square

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



371229



301B00



002616



00243D

# Rectangle

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



371229



3A130E



002616



002730



# Sweetspot

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



371229



473942



201237



241B20



A3A3A3



242424



# Same Dimension

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



371229



470E32



371217



1C191B



5C0039



DB0088



# Inverse Universe

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



371229



470E32



123732



1C191B



5C0039

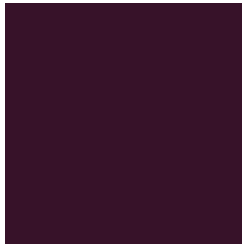


DB0088



# Previews

## White Background



This preview shows how the Hex color 371229 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

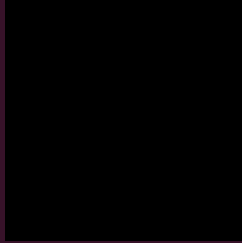
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 371229 Background



This preview shows how black text looks on a background with the Hex color 371229.



This preview shows how white text looks on a background with the Hex color 371229.

# 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**  
371229

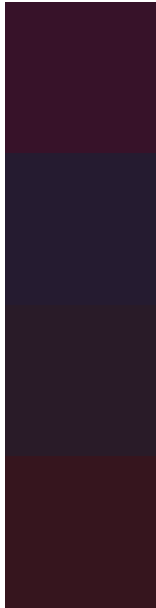
**Protanopia**  
1A2034

**Deuteranopia**  
212027



**Tritanopia**  
361718

# Trichromacy



**Original Color**  
371229

**Protanomaly**  
251B30

**Deuteranomaly**  
291B28

**Tritanomaly**  
36151E

# Monochromacy



**Original Color**  
371229

**Achromatopsia**  
202020

**Achromatomaly**  
281B23

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 371229 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 #371229 looks like.

```
.text, #text, p{  
    color:#371229  
}
```

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 #371229 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #371229
}
```

## Border

The CSS property to change the border of an element to Hex 371229 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".

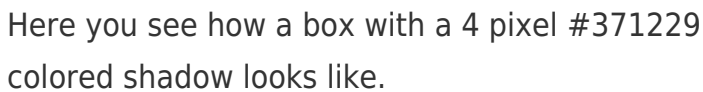
```
.border, #border, table{ border:4px solid
#371229 }
```

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

```
.border{ border-color:#371229 }
```

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

Here you see how a box with a 4 pixel #371229 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #371229; -webkit-box-shadow:4px 4px  
4px 4px #371229; box-shadow:4px 4px 4px  
4px #371229 }
```

# Background

The CSS property to change the background color of an element to Hex 371229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#371229 }
```

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

```
.background{ background-color:#371229 }
```

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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