

# Converting Colors

Hex(471338)

Have a look what the booklet for  
Hex(471338) contains.

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**Color**

**Hex(471338)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	471338
RGB	71, 19, 56
RGB Percent	28%, 7%, 22%
CMY	0.7216, 0.9255, 0.7804
CMYK	0.00, 0.73, 0.21, 0.72
HSL	317°, 58%, 18%
HSV	317°, 73%, 28%
XYZ	3.5452, 2.0909, 3.9581
YIQ	38.7660, 19.1150, 22.5310

# Conversions

## Conversions Part 2

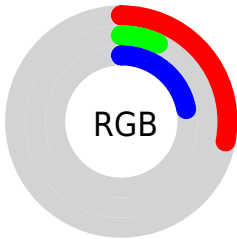
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	71, 19, 56
Decimal	4657976
CIE <sub>Lab</sub>	15.96, 29.31, -11.15
CIE <sub>LCh</sub>	16, 31.364, 339.167
Yxy	2.0909, 0.3695, 0.2179
Android (android.graphics.Color)	4282848056 (0xFF471338)
YUV	38.7660, 8.4964, 28.2692
Hunter-Lab	14.4598, 18.4594, -6.1077




# Details

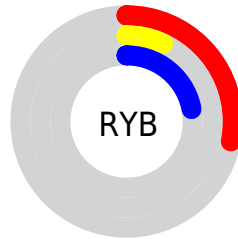
The Hex color **471338** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **134722**, and the grayscale version is **272727**.




A 20% lighter version of the original color is **794267**, and **16000B** is the 20% darker color. If you saturate the color by 10%, you get **470C36**, and if you desaturate by 10%, it is **471A3A**.

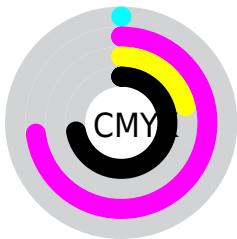
# Distribution







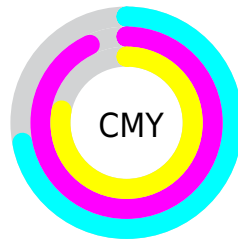
-  Red (28%)
-  Green (7%)
-  Blue (22%)






-  Red (28%)
-  Yellow (7%)
-  Blue (22%)



-  Cyan (0%)
-  Magenta (73%)
-  Yellow (21%)
-  Black (72%)



-  Cyan (72%)
-  Magenta (93%)
-  Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 471338 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 471338 by changing the saturation by 10% instead.



 471338

 471338

 FFFDFF

 2F0022

 794267

 16000B

 945A80

 000000

 AF749A

 CB8EB5

 E8A8D0

 FFC4ED

 FFE0FF

 471338

 471338

■ 470C36

■ 471A3A

■ 470534

■ 47213C

■ 470033

■ 47283E

■ 472F40

■ 473742

■ 473E44

■ 474546

■ 474C48

■ 47534A

# Harmonies

## Analogous

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



311E4B



471338



4F0E22

# Triad

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



471338



2C2900



003143

# Complementary

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



471338



134722

# 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.



00322E



471338



142E00

# Square

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



471338



3F2100



003117



002E51

# Rectangle

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



471338



4D1313



003117



00313D



# Sweetspot

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



471338



5C4856



221347



2E222A



ADADAD



2E2E2E



# Same Dimension

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



471338



5C0B44



47131E



242023



630047



E300A1



# Inverse Universe

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



471338



5C0B44



13473C



242023



630047

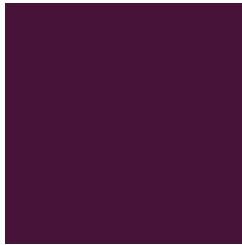


E300A1



# Previews

## White Background



This preview shows how the Hex color 471338 looks on a white background.

## Color Contrast Check

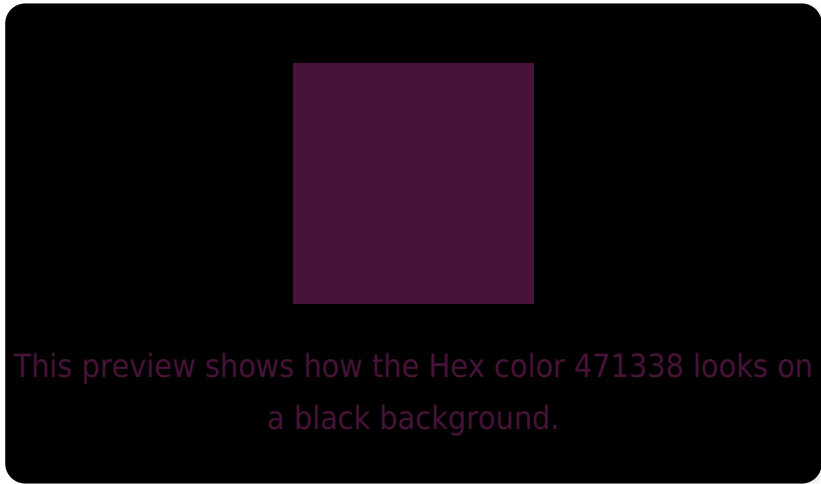
Large Text (above 18pt) WCAG AA ✓ Pass

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

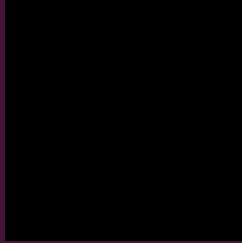
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 471338 Background



This preview shows how black text looks on a background with the Hex color 471338.



This preview shows how white text looks on a background with the Hex color 471338.

# 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**  
471338

**Protanopia**  
1A2849

**Deuteranopia**  
272935



**Tritanopia**  
451B1D

# Trichromacy



**Original Color**  
471338

**Protanomaly**  
2A2043

**Deuteranomaly**  
332136

**Tritanomaly**  
461827

# Monochromacy



**Original Color**  
471338

**Achromatopsia**  
272727

**Achromatomaly**  
33202D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 471338 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 #471338 looks like.

```
.text, #text, p{  
    color:#471338  
}
```

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 #471338 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #471338
}
```

## Border

The CSS property to change the border of an element to Hex 471338 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".

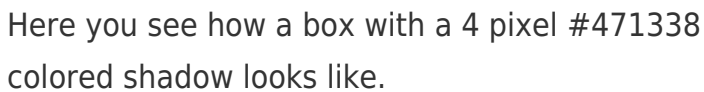
```
.border, #border, table{ border:4px solid
#471338 }
```

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

```
.border{ border-color:#471338 }
```

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

Here you see how a box with a 4 pixel #471338 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #471338; -webkit-box-shadow:4px 4px  
4px 4px #471338; box-shadow:4px 4px 4px  
4px #471338 }
```

# Background

The CSS property to change the background color of an element to Hex 471338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#471338 }
```

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

```
.background{ background-color:#471338 }
```

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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