

Converting Colors

Hex(471B88)

Have a look what the booklet for
Hex(471B88) contains.

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Color

Hex(471B88)

Conversions

Conversions Part 1

Format	Color
Hex	471B88
RGB	71, 27, 136
RGB Percent	28%, 11%, 53%
CMY	0.7216, 0.8941, 0.4667
CMYK	0.48, 0.80, 0.00, 0.47
HSL	264°, 67%, 32%
HSV	264°, 80%, 53%
XYZ	7.4344, 3.9010, 23.6537
YIQ	52.5820, -8.7650, 43.2270

Conversions

Conversions Part 2

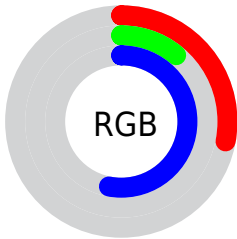
Format	Color
R_{YB}	71, 27, 136
Decimal	4660104
CIE Lab	23.34, 44.26, -52.40
CIE LCh	23, 68.588, 310.185
Yxy	3.9010, 0.2125, 0.1115
Android (android.graphics.Color)	4282850184 (0xFF471B88)
YUV	52.5820, 41.1251, 16.1526
Hunter-Lab	19.7510, 32.6241, -57.1795

Details

The Hex color **471B88** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **5C881B**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **7E4CBE**, and **090055** is the 20% darker color. If you saturate the color by 10%, you get **3F0D88**, and if you desaturate by 10%, it is **4F2988**.

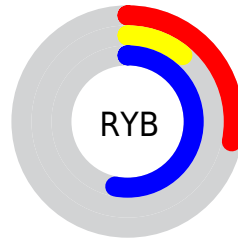
Distribution



Red (28%)

Green (11%)

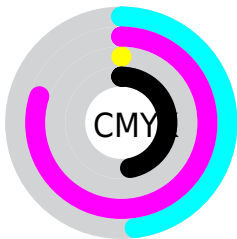
Blue (53%)



Red (28%)

Yellow (11%)

Blue (53%)

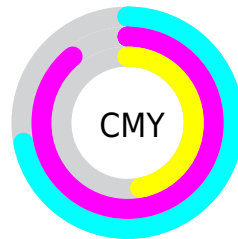


Cyan (48%)

Magenta (80%)

Yellow (0%)

Black (47%)



Cyan (72%)

Magenta (89%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 471B88 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 471B88 by changing the saturation by 10% instead.

471B88

471B88

FFFFFF

2A006E

7E4CBE

090055

9A66DB

00003D

B67FF7

000326

D39AFF

00010F

F0B5FF

000000

FFD1FF

FFEEFF

471B88

471B88

■ 3F0D88

■ 4F2988

■ 370088

■ 573688

■ 5F4488

■ 675188

■ 705F88

■ 786D88

■ 807A88

■ 888888

■ 909588

Harmonies

Analogous

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



003AA0



471B88



7D005C

Triad

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



471B88



602700



004A49

Complementary

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



471B88



5C881B

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.



004810



471B88



353B00

Square

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



471B88



7E0000



004500



004A7A

Rectangle

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



471B88



89003A



004500



004937

Sweetspot

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



471B88



9786B0



1B5C88



4A3F59



D9D9D9



595959

Same Dimension

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



471B88



4B07B0



7D1B88



413E45



360085



020005

Inverse Universe

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



881B5C



B0076C



26881B



453E42



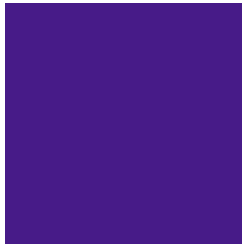
85004F



050003

Previews

White Background



This preview shows how the Hex color 471B88 looks on a white background.

Color Contrast Check

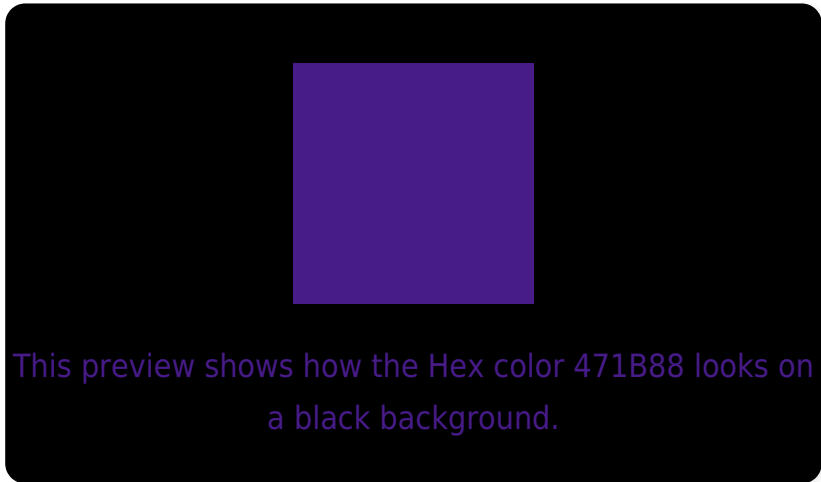
Large Text (above 18pt) WCAG AA ✓ Pass

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

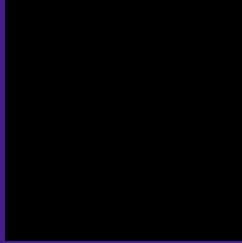
Any Text WCAG AA × Fail

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 471B88 Background



This preview shows how black text looks on a background with the Hex color 471B88.



This preview shows how white text looks on a background with the Hex color 471B88.

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](#).

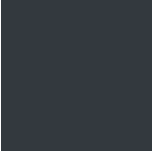
Dichromacy



Original Color
471B88

Protanopia
003773

Deuteranopia
003A63



Tritanopia
33393E

Trichromacy



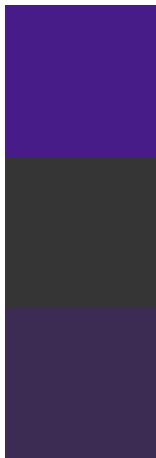
Original Color
471B88

Protanomaly
1A2D7B

Deuteranomaly
1A2F70

Tritanomaly
3A2E59

Monochromacy



Original Color
471B88

Achromatopsia
353535

Achromatomaly
3C2C53

CSS Examples

Text

The CSS property to change the color of the text to Hex 471B88 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 #471B88 looks like.

```
.text, #text, p{  
    color:#471B88  
}
```

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 #471B88 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #471B88
}
```

Border

The CSS property to change the border of an element to Hex 471B88 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".

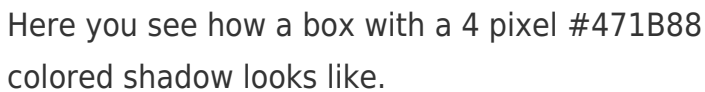
```
.border, #border, table{ border:4px solid
#471B88 }
```

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

```
.border{ border-color:#471B88 }
```

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

Here you see how a box with a 4 pixel #471B88 colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #471B88; -webkit-box-shadow:4px 4px  
4px 4px #471B88; box-shadow:4px 4px 4px  
4px #471B88 }
```

Background

The CSS property to change the background color of an element to Hex 471B88 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#471B88 }
```

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

```
.background{ background-color:#471B88 }
```

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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