

Converting Colors

Hex(471EAE)

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

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Color

Hex(471EAE)

Conversions

Conversions Part 1

Format	Color
Hex	471EAE
RGB	71, 30, 174
RGB Percent	28%, 12%, 68%
CMY	0.7216, 0.8824, 0.3176
CMYK	0.59, 0.83, 0.00, 0.32
HSL	257°, 71%, 40%
HSV	257°, 83%, 68%
XYZ	10.7028, 5.3241, 40.5080
YIQ	58.6750, -21.7880, 53.4760

Conversions

Conversions Part 2

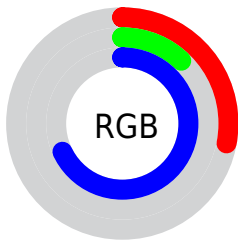
Format	Color
R _Y B	71, 30, 174
Decimal	4660910
CIE Lab	27.64, 53.35, -68.60
CIE LCh	28, 86.906, 307.870
Yxy	5.3241, 0.1893, 0.0942
Android (android.graphics.Color)	4282850990 (0xFF471EAE)
YUV	58.6750, 56.8552, 10.8090
Hunter-Lab	23.0741, 42.4166, -87.9354

Details

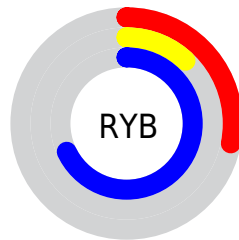
The Hex color **471EAE** is a dark color, and the websafe version is hex **330099**. A complement of this color would be **85AE1E**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **8351E7**, and **000078** is the 20% darker color. If you saturate the color by 10%, you get **3B0DAE**, and if you desaturate by 10%, it is **532FAE**.

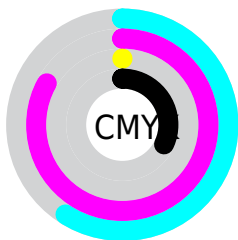
Distribution



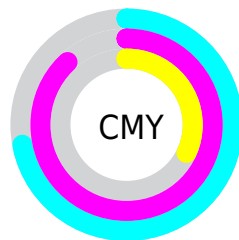
- Red (28%)
- Green (12%)
- Blue (68%)



- Red (28%)
- Yellow (12%)
- Blue (68%)



- Cyan (59%)
- Magenta (83%)
- Yellow (0%)
- Black (32%)



- Cyan (72%)
- Magenta (88%)
- Yellow (32%)

Brightness & Saturation Gradients

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

471EAE

471EAE

FFFFFF

230093

8351E7

000078

A16BFF

00005E

BE85FF

000846

DCA0FF

00042E

FABCFF

000119

FFD8FF

000000

FFF5FF

471EAE

471EAE

■ 3B0DAE

■ 532FAE

■ 3200AE

■ 6041AE

■ 6C52AE

■ 7964AE

■ 8575AE

■ 9286AE

■ 9E98AE

■ ABA9AE

■ B7BBAE

Harmonies

Analogous

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



0048CB



471EAE



970075

Triad

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



471EAE



772700



005752

Complementary

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



471EAE



85AE1E

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.



005502



471EAE



414500

Square

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



471EAE



9D0000



005100



005994

Rectangle

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



471EAE



A90049



005100



00573B

Sweetspot

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



471EAE



BAAAE3



1E85AE



5A5073



F2F2F2



737373

Same Dimension

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



471EAE



4202E3



8F1EAE



504E57



2B0096



070017

Inverse Universe

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



AE1E85



E302A3



3DAE1E



574E54



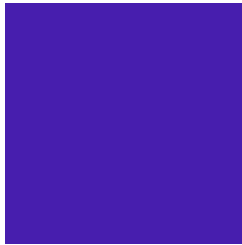
96006C



170010

Previews

White Background



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

Color Contrast Check

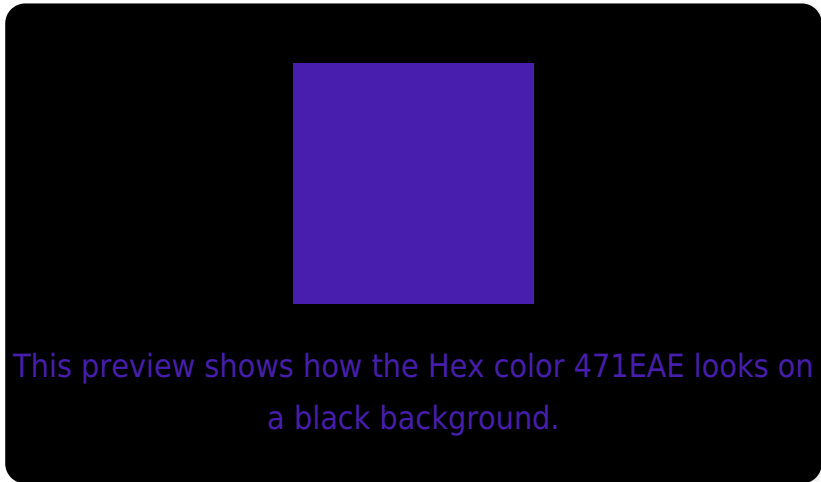
Large Text (above 18pt) WCAG AA ✓ Pass

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

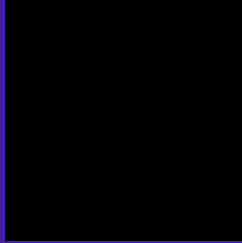
Any Text WCAG AA × Fail

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 471EAE Background



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

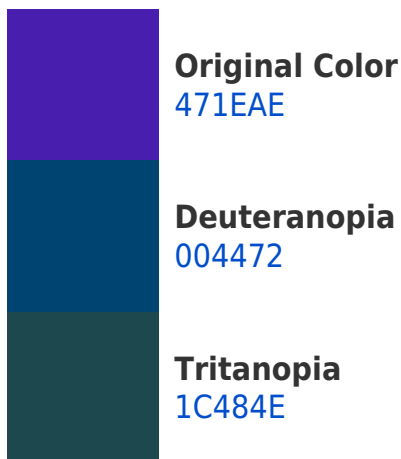


This preview shows how white text looks on a background with the Hex color 471EAE.

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



Trichromacy



Original Color
471EAE

Deuteranomaly
1A3688

Tritanomaly
2C3971

Monochromacy



Original Color
471EAE

Achromatopsia
3B3B3B

Achromatomaly
3F3065

CSS Examples

Text

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

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

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 #471EAE colored shadow looks like.

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

Border

The CSS property to change the border of an element to Hex 471EAE 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
#471EAE }
```

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

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

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

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

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

Background

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

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

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

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

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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