

Converting Colors

Hex(471E72)

Have a look what the booklet for
Hex(471E72) contains.

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Color

Hex(471E72)

Conversions

Conversions Part 1

Format	Color
Hex	471E72
RGB	71, 30, 114
RGB Percent	28%, 12%, 45%
CMY	0.7216, 0.8824, 0.5529
CMYK	0.38, 0.74, 0.00, 0.55
HSL	269°, 58%, 28%
HSV	269°, 74%, 45%
XYZ	6.1001, 3.4830, 16.2704
YIQ	51.8350, -2.5280, 34.8160

Conversions

Conversions Part 2

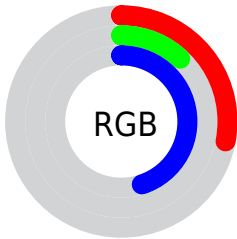
Format	Color
R_{YB}	71, 30, 114
Decimal	4660850
CIE _{Lab}	21.88, 36.90, -40.82
CIE _{LCh}	22, 55.022, 312.114
Yxy	3.4830, 0.2359, 0.1347
Android (android.graphics.Color)	4282850930 (0xFF471E72)
YUV	51.8350, 30.6473, 16.8077
Hunter-Lab	18.6629, 25.6835, -38.6251

Details

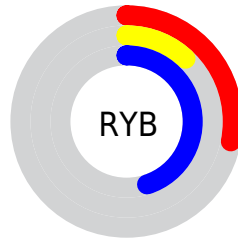
The Hex color **471E72** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **49721E**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **7B4EA7**, and **170041** is the 20% darker color. If you saturate the color by 10%, you get **411372**, and if you desaturate by 10%, it is **4D2972**.

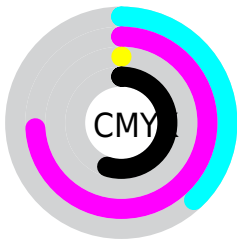
Distribution



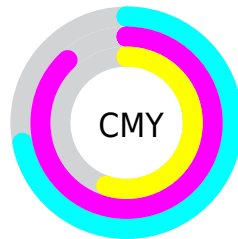
- Red (28%)
- Green (12%)
- Blue (45%)



- Red (28%)
- Yellow (12%)
- Blue (45%)



- Cyan (38%)
- Magenta (74%)
- Yellow (0%)
- Black (55%)



- Cyan (72%)
- Magenta (88%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 471E72 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 471E72 by changing the saturation by 10% instead.

■ 471E72

■ 471E72

FFFFFF

■ 2D0559

■ 7B4EA7

■ 170041

■ 9667C2

■ 00022A

■ B280DE

■ 000114

■ CE9BFB

■ 000000

■ EBB6FF

■ FFD2FF

■ FFEEFF

■ 471E72

■ 471E72

■ 411372

■ 4D2972

■ 3B0772

■ 533572

■ 380072

■ 594072

■ 5E4C72

■ 645772

■ 6A6272

■ 706E72

■ 767972

■ 7C8572

Harmonies

Analogous

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



003586



471E72



6E004E

Triad

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



471E72



552900



004445

Complementary

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



471E72



49721E

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.



004319



471E72



333800

Square

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



471E72



6E0900



003F00



00446B

Rectangle

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



471E72



770034



003F00



004436

Sweetspot

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



471E72



837394



1E4972



40374A



C9C9C9



4A4A4A

Same Dimension

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



471E72



511294



711E72



353238



3A0078



7900F7

Inverse Universe

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



721E49



941254



1F721E



383235



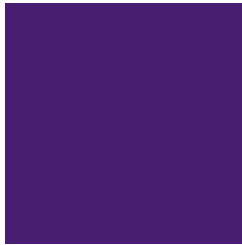
78003D



F7007F

Previews

White Background



This preview shows how the Hex color 471E72 looks on a white background.

Color Contrast Check

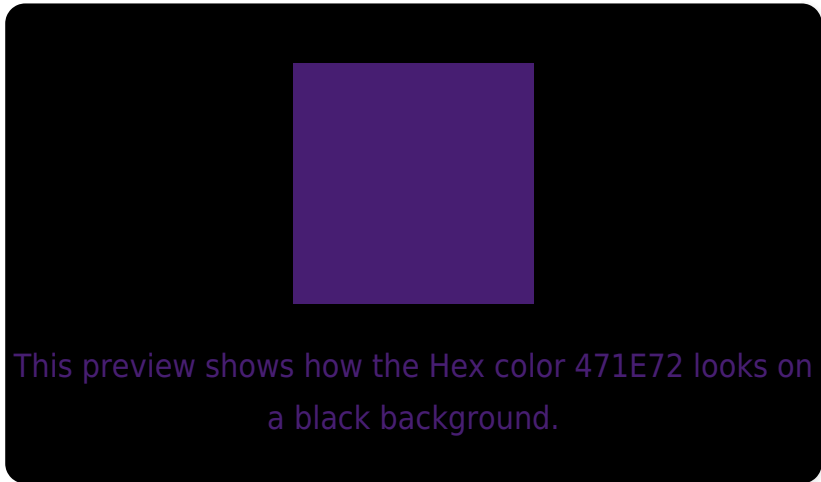
Large Text (above 18pt) WCAG AA ✓ Pass

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

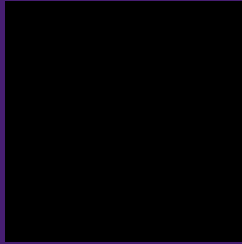
Any Text WCAG AA × Fail

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 471E72 Background



This preview shows how black text looks on a background with the Hex color 471E72.

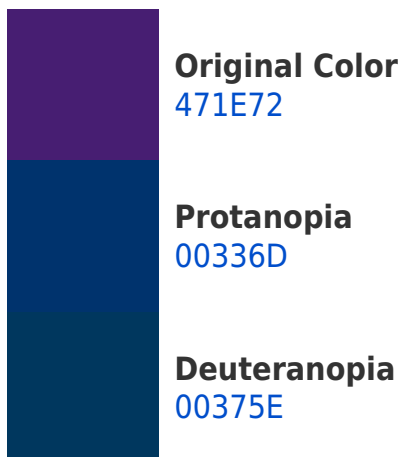



This preview shows how white text looks on a background with the Hex color 471E72.

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





Tritanopia
3B3337

Trichromacy



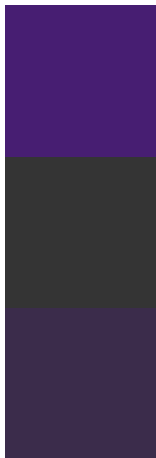
Original Color
471E72

Protanomaly
1A2B6F

Deuteranomaly
1A2E65

Tritanomaly
3F2B4C

Monochromacy



Original Color
471E72

Achromatopsia
343434

Achromatomaly
3B2C4B

CSS Examples

Text

The CSS property to change the color of the text to Hex 471E72 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 #471E72 looks like.

```
.text, #text, p{  
    color:#471E72  
}
```

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 #471E72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #471E72  
}
```

Border

The CSS property to change the border of an element to Hex 471E72 is called "border". The border property can be set on classes, ids or directly on the HTML element.

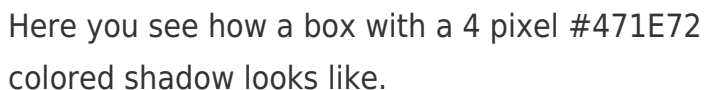
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#471E72 }
```

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

```
.border{ border-color:#471E72 }
```

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



Here you see how a box with a 4 pixel #471E72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #471E72; -webkit-box-shadow:4px 4px  
4px 4px #471E72; box-shadow:4px 4px 4px  
4px #471E72 }
```

Background

The CSS property to change the background color of an element to Hex 471E72 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#471E72 }
```

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

```
.background{ background-color:#471E72 }
```

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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