

Converting Colors

Hex(422470)

Have a look what the booklet for
Hex(422470) contains.

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Color

Hex(422470)

Conversions

Conversions Part 1

Format	Color
Hex	422470
RGB	66, 36, 112
RGB Percent	26%, 14%, 44%
CMY	0.7412, 0.8588, 0.5608
CMYK	0.41, 0.68, 0.00, 0.56
HSL	264°, 51%, 29%
HSV	264°, 68%, 44%
XYZ	5.8023, 3.5899, 15.7163
YIQ	53.6340, -6.5160, 29.9960

Conversions

Conversions Part 2

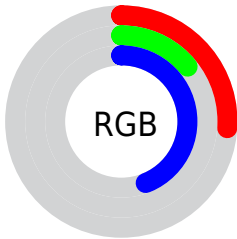
Format	Color
RYB	66, 36, 112
Decimal	4334704
CIELab	22.27, 31.93, -38.94
CIElCh	22, 50.356, 309.357
Yxy	3.5899, 0.2311, 0.1430
Android (android.graphics.Color)	4282524784 (0xFF422470)
YUV	53.6340, 28.7744, 10.8450
Hunter-Lab	18.9469, 21.5065, -35.9178

Details

The Hex color **422470** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **527024**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **7653A4**, and **12003F** is the 20% darker color. If you saturate the color by 10%, you get **3B1970**, and if you desaturate by 10%, it is **492F70**.

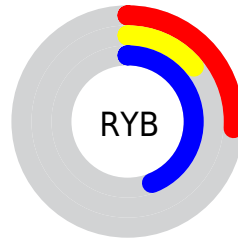
Distribution



Red (26%)

Green (14%)

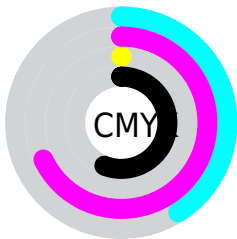
Blue (44%)



Red (26%)

Yellow (14%)

Blue (44%)

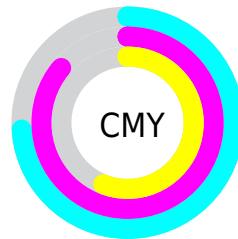


Cyan (41%)

Magenta (68%)

Yellow (0%)

Black (56%)



Cyan (74%)

Magenta (86%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 422470 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 422470 by changing the saturation by 10% instead.

422470

422470

FFFFFF

280D57

7653A4

12003F

916BC0

000328

AC85DC

000112

C8A0F9

000000

E5BBFF

FFD7FF

FFF3FF

422470

422470

■ 3B1970

■ 492F70

■ 340E70

■ 503A70

■ 2E0270

■ 564670

■ 2C0070

■ 5D5170

■ 645C70

■ 6B6770

■ 717270

■ 787E70

■ 7F8970

Harmonies

Analogous

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



003780



422470



690150

Triad

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



422470



572900



004440

Complementary

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



422470



527024

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



422470



383800

Square

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



422470



6C1003



093F00



004464

Rectangle

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



422470



730038



093F00



004433

Sweetspot

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



422470



807491



245370



3F384A



C9C9C9



4A4A4A

Same Dimension

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



422470



4A1C91



672470



353238



2F0078



6200F7

Inverse Universe

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



702452



911C63



2D7024



383236



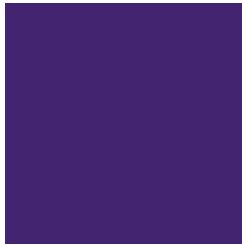
780049



F70096

Previews

White Background



This preview shows how the Hex color 422470 looks on a white background.

Color Contrast Check

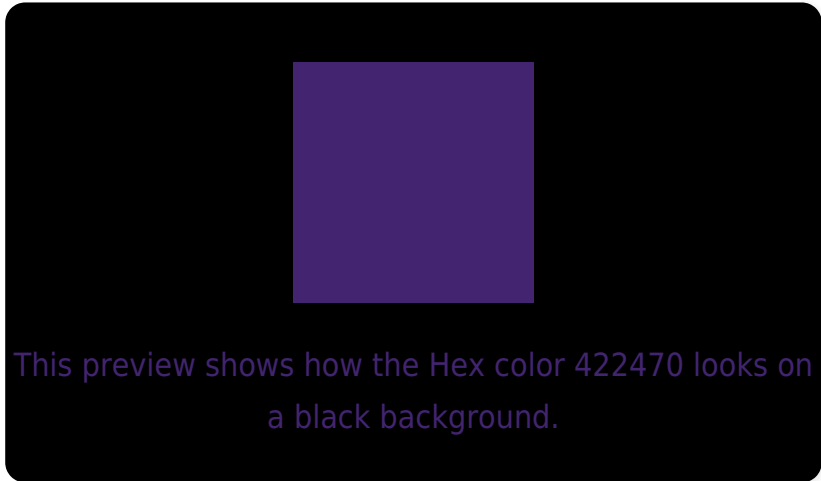
Large Text (above 18pt) WCAG AA ✓ Pass

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

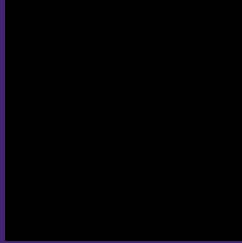
Any Text WCAG AA × Fail

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 422470 Background



This preview shows how black text looks on a background with the Hex color 422470.



This preview shows how white text looks on a background with the Hex color 422470.

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
422470

Protanopia
00346E

Deuteranopia
00375F



Tritanopia
36353A

Trichromacy



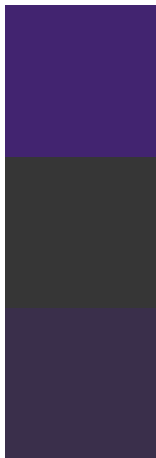
Original Color
422470

Protanomaly
182E6F

Deuteranomaly
183065

Tritanomaly
3A2F4E

Monochromacy



Original Color
422470

Achromatopsia
363636

Achromatomaly
3A2F4B

CSS Examples

Text

The CSS property to change the color of the text to Hex 422470 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 #422470 looks like.

```
.text, #text, p{  
    color:#422470  
}
```

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 #422470 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #422470
}
```

Border

The CSS property to change the border of an element to Hex 422470 is called "border". The border property can be set on classes, ids or directly on the HTML element.

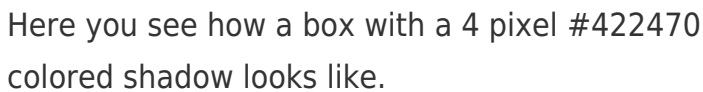
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#422470 }
```

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

```
.border{ border-color:#422470 }
```

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



Here you see how a box with a 4 pixel #422470 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #422470; -webkit-box-shadow:4px 4px  
4px 4px #422470; box-shadow:4px 4px 4px  
4px #422470 }
```

Background

The CSS property to change the background color of an element to Hex 422470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#422470 }
```

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

```
.background{ background-color:#422470 }
```

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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