

Converting Colors

Hex(432470)

Have a look what the booklet for
Hex(432470) contains.

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Color

Hex(432470)

Conversions

Conversions Part 1

Format	Color
Hex	432470
RGB	67, 36, 112
RGB Percent	26%, 14%, 44%
CMY	0.7373, 0.8588, 0.5608
CMYK	0.40, 0.68, 0.00, 0.56
HSL	264°, 51%, 29%
HSV	264°, 68%, 44%
XYZ	5.8702, 3.6249, 15.7195
YIQ	53.9330, -5.9200, 30.2080

Conversions

Conversions Part 2

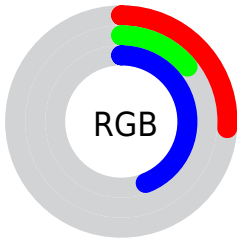
Format	Color
R_{YB}	67, 36, 112
Decimal	4400240
CIE Lab	22.39, 32.16, -38.73
CIE LCh	22, 50.344, 309.710
Yxy	3.6249, 0.2328, 0.1438
Android (android.graphics.Color)	4282590320 (0xFF432470)
YUV	53.9330, 28.6270, 11.4598
Hunter-Lab	19.0392, 21.7174, -35.6248

Details

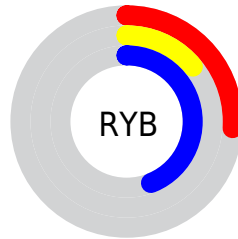
The Hex color **432470** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **517024**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **7753A4**, and **13003F** is the 20% darker color. If you saturate the color by 10%, you get **3C1970**, and if you desaturate by 10%, it is **4A2F70**.

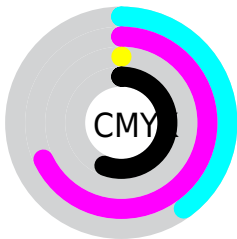
Distribution



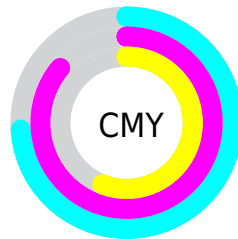
- Red (26%)
- Green (14%)
- Blue (44%)



- Red (26%)
- Yellow (14%)
- Blue (44%)



- Cyan (40%)
- Magenta (68%)
- Yellow (0%)
- Black (56%)



- Cyan (74%)
- Magenta (86%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 432470 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 432470 by changing the saturation by 10% instead.

■ 432470

■ 432470

FFFFFF

■ 2A0D57

■ 7753A4

■ 13003F

■ 926CC0

■ 000328

■ AD85DC

■ 000112

■ C9A0F9

■ 000000

■ E6BBFF

■ FFD7FF

■ FFF3FF

■ 432470

■ 432470

■ 3C1970

■ 4A2F70

■ 360E70

■ 503A70

■ 2F0270

■ 574670

■ 2E0070

■ 5E5170

■ 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.



003781



432470



690150

Triad

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



432470



572A00



004541

Complementary

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



432470



517024

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



432470



383800

Square

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



432470



6D1103



094000



004465

Rectangle

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



432470



730038



094000



004434

Sweetspot

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



432470



807491



245270



3F384A



C9C9C9



4A4A4A

Same Dimension

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



432470



4C1C91



682470



353238



310078



6500F7

Inverse Universe

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



702451



911C61



2C7024



383236



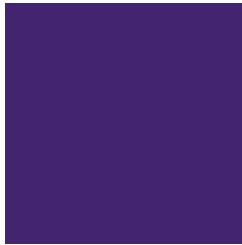
780047



F70092

Previews

White Background



This preview shows how the Hex color 432470 looks on a white background.

Color Contrast Check

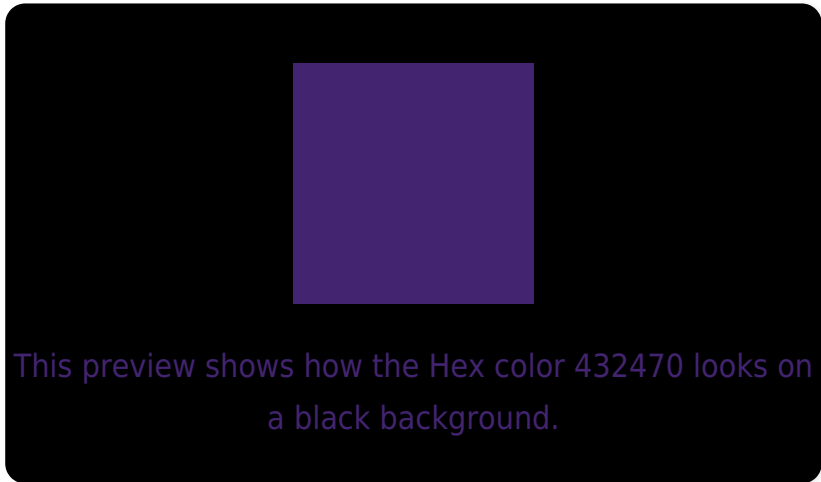
Large Text (above 18pt) WCAG AA ✓ Pass

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

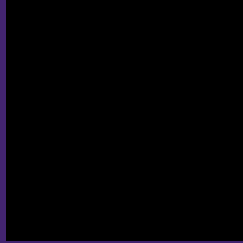
Any Text WCAG AA × Fail

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 432470 Background



This preview shows how black text looks on a background with the Hex color 432470.



This preview shows how white text looks on a background with the Hex color 432470.

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
432470

Protanopia
00346F

Deuteranopia
003760



Tritanopia
37353A

Trichromacy



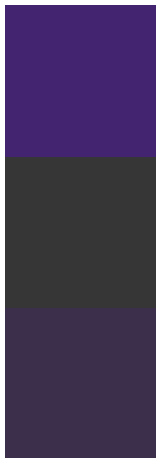
Original Color
432470

Protanomaly
182E6F

Deuteranomaly
183066

Tritanomaly
3B2F4E

Monochromacy



Original Color
432470

Achromatopsia
363636

Achromatomaly
3B2F4B

CSS Examples

Text

The CSS property to change the color of the text to Hex 432470 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 #432470 looks like.

```
.text, #text, p{  
    color:#432470  
}
```

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 #432470 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #432470
}
```

Border

The CSS property to change the border of an element to Hex 432470 is called "border". The border property can be set on classes, ids or directly on the HTML element.

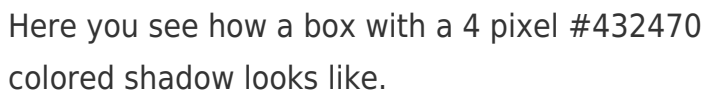
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#432470 }
```

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

```
.border{ border-color:#432470 }
```

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



Here you see how a box with a 4 pixel #432470 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #432470; -webkit-box-shadow:4px 4px  
4px 4px #432470; box-shadow:4px 4px 4px  
4px #432470 }
```

Background

The CSS property to change the background color of an element to Hex 432470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#432470 }
```

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

```
.background{ background-color:#432470 }
```

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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