

Converting Colors

Hex(432777)

Have a look what the booklet for
Hex(432777) contains.

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Color

Hex(432777)

Conversions

Conversions Part 1

Format	Color
Hex	432777
RGB	67, 39, 119
RGB Percent	26%, 15%, 47%
CMY	0.7373, 0.8471, 0.5333
CMYK	0.44, 0.67, 0.00, 0.53
HSL	261°, 51%, 31%
HSV	261°, 67%, 47%
XYZ	6.3700, 3.9762, 17.8845
YIQ	56.4920, -8.9920, 30.8160

Conversions

Conversions Part 2

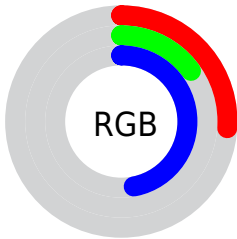
Format	Color
R_{YB}	67, 39, 119
Decimal	4401015
CIE _{Lab}	23.59, 32.44, -41.27
CIE _{LCh}	24, 52.491, 308.170
Yxy	3.9762, 0.2256, 0.1408
Android (android.graphics.Color)	4282591095 (0xFF432777)
YUV	56.4920, 30.8164, 9.2155
Hunter-Lab	19.9405, 22.1263, -39.2185

Details

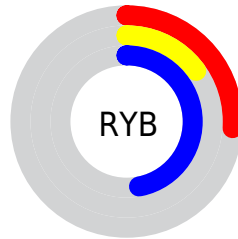
The Hex color **432777** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **5B7727**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **7756AC**, and **0E0046** is the 20% darker color. If you saturate the color by 10%, you get **3B1B77**, and if you desaturate by 10%, it is **4B3377**.

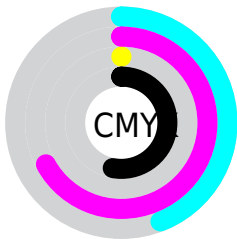
Distribution



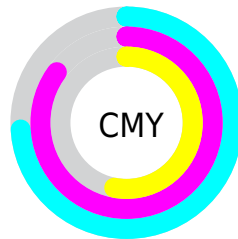
- Red (26%)
- Green (15%)
- Blue (47%)



- Red (26%)
- Yellow (15%)
- Blue (47%)



- Cyan (44%)
- Magenta (67%)
- Yellow (0%)
- Black (53%)



- Cyan (74%)
- Magenta (85%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 432777 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 432777 by changing the saturation by 10% instead.

■ 432777

■ 432777

FFFFFF

■ 29115E

■ 7756AC

■ 0E0046

■ 926FC8

■ 00002E

■ AE88E4

■ 000119

■ CAA3FF

■ 000000

■ E7BEFF

■ FFDAFF

■ FFF7FF

■ 432777

■ 432777

■ 3B1B77

■ 4B3377

■ 340F77

■ 523F77

■ 2C0377

■ 5A4B77

■ 2A0077

■ 625777

■ 6A6377

■ 716E77

■ 797A77

■ 818677

■ 899277

Harmonies

Analogous

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



003A88



432777



6D0256

Triad

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



432777



5D2B00



004842

Complementary

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



432777



5B7727

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.



004618



432777



3D3A00

Square

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



432777



730F07



0D4200



004868

Rectangle

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



432777



78003C



0D4200



004835

Sweetspot

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



432777



877C9C



275B77



433C4F



CFCFCF



4F4F4F

Same Dimension

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



432777



4A1E9C



6B2777



37353B



2B007A



5700FA

Inverse Universe

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



77275B



9C1E6F



337727



3B3539



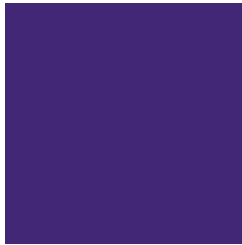
7A0050



FA00A2

Previews

White Background



This preview shows how the Hex color 432777 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

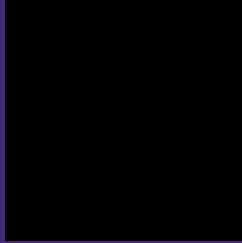
Any Text WCAG AA × Fail

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 432777 Background



This preview shows how black text looks on a background with the Hex color 432777.



This preview shows how white text looks on a background with the Hex color 432777.

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](#).

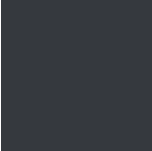
Dichromacy



Original Color
432777

Protanopia
003774

Deuteranopia
003A64



Tritanopia
35393E

Trichromacy



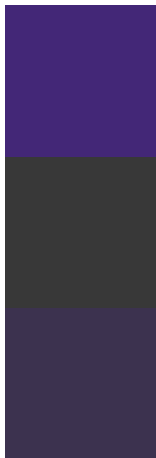
Original Color
432777

Protanomaly
183175

Deuteranomaly
18336B

Tritanomaly
3A3253

Monochromacy



Original Color
432777

Achromatopsia
383838

Achromatomaly
3C324F

CSS Examples

Text

The CSS property to change the color of the text to Hex 432777 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 #432777 looks like.

```
.text, #text, p{  
    color:#432777  
}
```

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 #432777 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #432777  
}
```

Border

The CSS property to change the border of an element to Hex 432777 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  
#432777 }
```

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

```
.border{ border-color:#432777 }
```

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

Here you see how a box with a 4 pixel #432777 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #432777; -webkit-box-shadow:4px 4px  
4px 4px #432777; box-shadow:4px 4px 4px  
4px #432777 }
```

Background

The CSS property to change the background color of an element to Hex 432777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#432777 }
```

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

```
.background{ background-color:#432777 }
```

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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