

Converting Colors

Hex(472699)

Have a look what the booklet for
Hex(472699) contains.

Hex(472699)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	28

Color

Hex(472699)

Conversions

Conversions Part 1

Format	Color
Hex	472699
RGB	71, 38, 153
RGB Percent	28%, 15%, 60%
CMY	0.7216, 0.8510, 0.4000
CMYK	0.54, 0.75, 0.00, 0.40
HSL	257°, 60%, 37%
HSV	257°, 75%, 60%
XYZ	9.0414, 5.0257, 30.6305
YIQ	60.9770, -17.2470, 42.7610

Conversions

Conversions Part 2

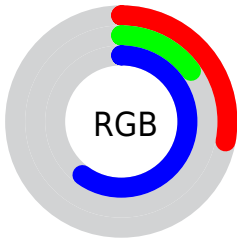
Format	Color
R_{YB}	71, 38, 153
Decimal	4662937
CIE _{Lab}	26.81, 43.73, -57.24
CIE _{LCh}	27, 72.033, 307.378
Yxy	5.0257, 0.2023, 0.1124
Android (android.graphics.Color)	4282853017 (0xFF472699)
YUV	60.9770, 45.3673, 8.7902
Hunter-Lab	22.4181, 32.7588, -65.3169

Details

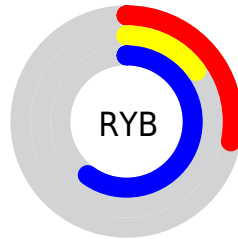
The Hex color **472699** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **789926**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **8057D0**, and **000065** is the 20% darker color. If you saturate the color by 10%, you get **3C1799**, and if you desaturate by 10%, it is **523599**.

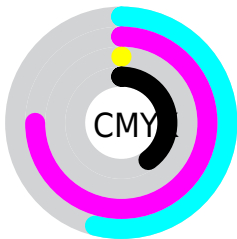
Distribution



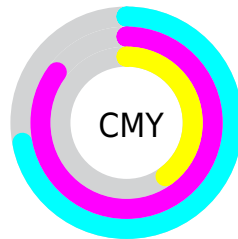
- Red (28%)
- Green (15%)
- Blue (60%)



- Red (28%)
- Yellow (15%)
- Blue (60%)



- Cyan (54%)
- Magenta (75%)
- Yellow (0%)
- Black (40%)



- Cyan (72%)
- Magenta (85%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Hex color 472699 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 472699 by changing the saturation by 10% instead.

 472699

 472699

FFFFFF

 280D7E

 8057D0

 000065

 9C70ED

 00004C

 B98AFF

 000434

 D6A5FF

 00021E

 F3C0FF

 000000

 FFDCFF

 FFF9FF

 472699

 472699

■ 3C1799

■ 523599

■ 310799

■ 5D4599

■ 2C0099

■ 685499

■ 736399

■ 7E7399

■ 888299

■ 939199

■ 9EA099

■ A9B099

Harmonies

Analogous

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



0044B0



472699



87006B

Triad

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



472699



6F2B00



00534C

Complementary

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



472699



789926

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.



00510E



472699



434200

Square

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



472699



8E0000



004D00



005482

Rectangle

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



472699



970047



004D00



005339

Sweetspot

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



472699



A699C7



267899



504863



E3E3E3



636363

Same Dimension

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



472699



4714C7



802699



47454D



28008C



04000D

Inverse Universe

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



992678



C71494



3F9926



4D454A



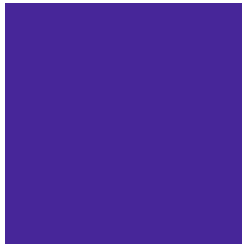
8C0064



0D0009

Previews

White Background



This preview shows how the Hex color 472699 looks on a white background.

Color Contrast Check

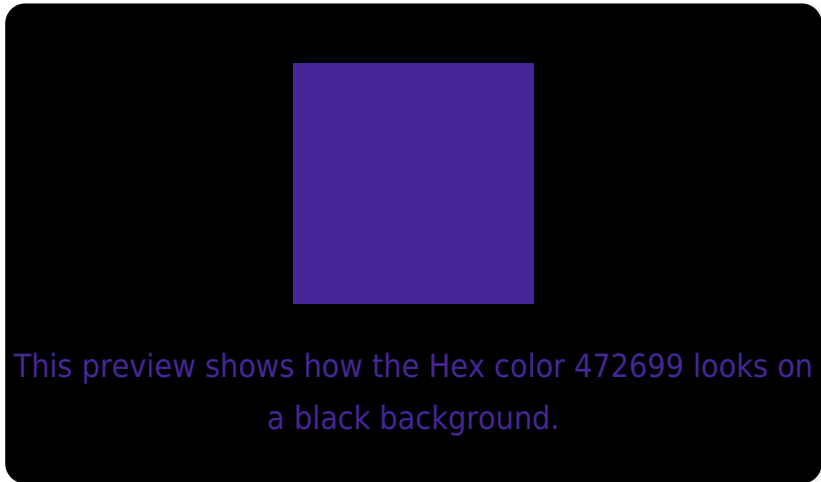
Large Text (above 18pt) WCAG AA ✓ Pass

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

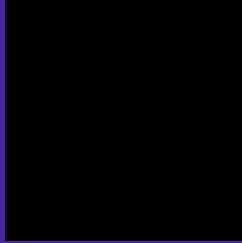
Any Text WCAG AA × Fail

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 472699 Background



This preview shows how black text looks on a background with the Hex color 472699.

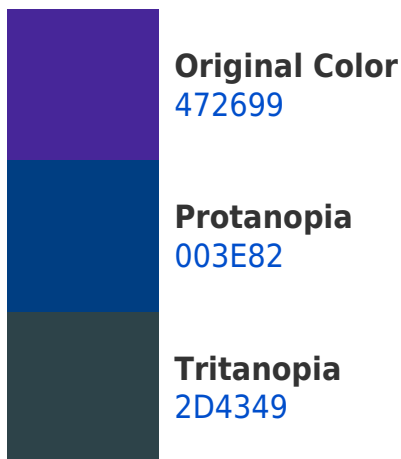


This preview shows how white text looks on a background with the Hex color 472699.

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
472699

Protanomaly
1A358A

Tritanomaly
363866

Monochromacy



Original Color
472699

Achromatopsia
3D3D3D

Achromatomaly
41355E

CSS Examples

Text

The CSS property to change the color of the text to Hex 472699 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 #472699 looks like.

```
.text, #text, p{  
    color:#472699  
}
```

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 #472699 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #472699
}
```

Border

The CSS property to change the border of an element to Hex 472699 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
#472699 }
```

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

```
.border{ border-color:#472699 }
```

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

Here you see how a box with a 4 pixel #472699 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #472699; -webkit-box-shadow:4px 4px  
4px 4px #472699; box-shadow:4px 4px 4px  
4px #472699 }
```

Background

The CSS property to change the background color of an element to Hex 472699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#472699 }
```

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

```
.background{ background-color:#472699 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor