

# Converting Colors

Hex(472F6F)

Have a look what the booklet for  
Hex(472F6F) contains.

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# Color

**Hex(472F6F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	472F6F
RGB	71, 47, 111
RGB Percent	28%, 18%, 44%
CMY	0.7216, 0.8157, 0.5647
CMYK	0.36, 0.58, 0.00, 0.56
HSL	262°, 41%, 31%
HSV	262°, 58%, 44%
XYZ	6.4843, 4.5203, 15.5697
YIQ	61.4720, -6.2400, 24.9920

# Conversions

## Conversions Part 2

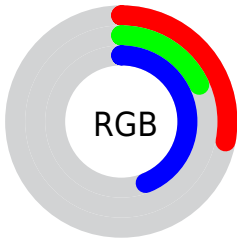
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	71, 47, 111
Decimal	4665199
CIE <sub>Lab</sub>	25.32, 26.19, -33.34
CIE <sub>LCh</sub>	25, 42.398, 308.154
Yxy	4.5203, 0.2440, 0.1701
Android (android.graphics.Color)	4282855279 (0xFF472F6F)
YUV	61.4720, 24.4173, 8.3561
Hunter-Lab	21.2610, 17.2329, -28.5359

# Details

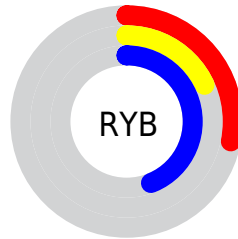
The Hex color **472F6F** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **576F2F**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **7A5EA3**, and **16033F** is the 20% darker color. If you saturate the color by 10%, you get **40246F**, and if you desaturate by 10%, it is **4E3A6F**.

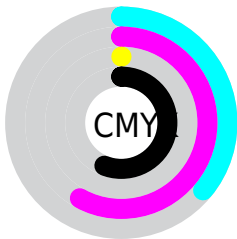
# Distribution



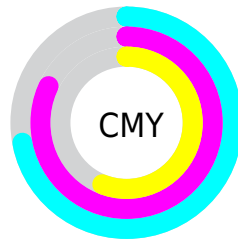
- Red (28%)
- Green (18%)
- Blue (44%)



- Red (28%)
- Yellow (18%)
- Blue (44%)



- Cyan (36%)
- Magenta (58%)
- Yellow (0%)
- Black (56%)



- Cyan (72%)
- Magenta (82%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 472F6F 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 472F6F by changing the saturation by 10% instead.





472F6F



472F6F

FFFFFF



2E1956



7A5EA3



16033F



9577BE



000028



B091DA



000112



CCABF7



000000



E8C7FF



FFE3FF



472F6F



472F6F



40246F



4E3A6F

■ 39196F

■ 55456F

■ 320E6F

■ 5C506F

■ 2B036F

■ 635B6F

■ 2A006F

■ 6A676F

■ 71726F

■ 787D6F

■ 7E886F

■ 85936F

# Harmonies

## Analogous

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



003D7C



472F6F



681E55

# Triad

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



472F6F



5D3100



004A44

# Complementary

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



472F6F



576F2F

# 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.



004923



472F6F



433D00

# Square

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



472F6F



6E2216



1E4500



004A63

# Rectangle

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



472F6F



72163F



1E4500



004A39



# Sweetspot

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



472F6F



827991



2F586F



413B4A



C9C9C9



4A4A4A



# Same Dimension

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



472F6F



532D91



662F6F



353238



2D0078



5D00F7



# Inverse Universe

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



6F2F57



912D6C



386F2F



383236



78004B



F7009B



# Previews

## White Background



This preview shows how the Hex color 472F6F looks on a white background.

## Color Contrast Check

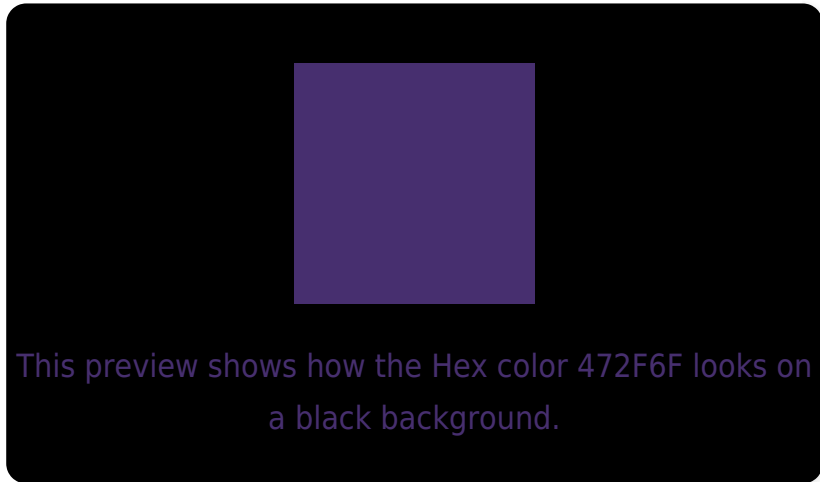
Large Text (above 18pt) WCAG AA ✓ Pass

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

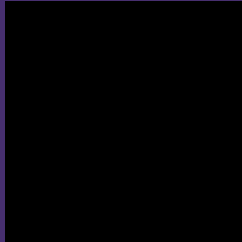
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 472F6F Background



This preview shows how black text looks on a background with the Hex color 472F6F.

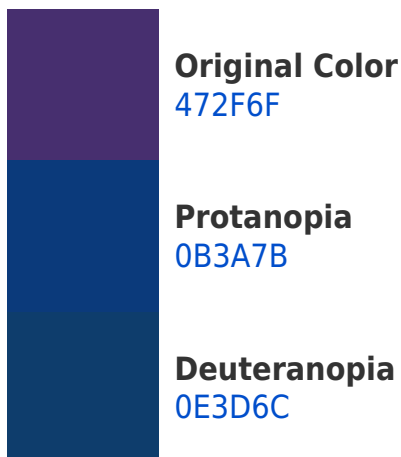


This preview shows how white text looks on a background with the Hex color 472F6F.

# 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**  
3D3C40

# Trichromacy



**Original Color**  
472F6F

**Protanomaly**  
213677

**Deuteranomaly**  
23386D

**Tritanomaly**  
413751

# Monochromacy



**Original Color**  
472F6F

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
41384F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 472F6F 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 #472F6F looks like.

```
.text, #text, p{  
    color:#472F6F  
}
```

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 #472F6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #472F6F
}
```

## Border

The CSS property to change the border of an element to Hex 472F6F is called "border". The border property can be set on classes, ids or directly on the HTML element.

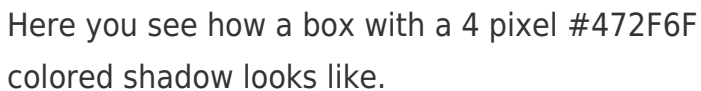
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#472F6F }
```

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

```
.border{ border-color:#472F6F }
```

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



Here you see how a box with a 4 pixel #472F6F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #472F6F; -webkit-box-shadow:4px 4px  
4px 4px #472F6F; box-shadow:4px 4px 4px  
4px #472F6F }
```

# Background

The CSS property to change the background color of an element to Hex 472F6F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#472F6F }
```

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

```
.background{ background-color:#472F6F }
```

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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