

Converting Colors

Hex(472D76)

Have a look what the booklet for
Hex(472D76) contains.

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Color

Hex(472D76)

Conversions

Conversions Part 1

Format	Color
Hex	472D76
RGB	71, 45, 118
RGB Percent	28%, 18%, 46%
CMY	0.7216, 0.8235, 0.5373
CMYK	0.40, 0.62, 0.00, 0.54
HSL	261°, 45%, 32%
HSV	261°, 62%, 46%
XYZ	6.8069, 4.5244, 17.6541
YIQ	61.0960, -7.9370, 28.2150

Conversions

Conversions Part 2

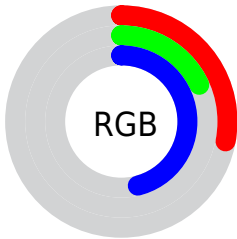
Format	Color
R_{YB}	71, 45, 118
Decimal	4664694
CIE _{Lab}	25.33, 29.47, -37.79
CIE _{LCh}	25, 47.926, 307.950
Y _{xy}	4.5244, 0.2348, 0.1561
Android (android.graphics.Color)	4282854774 (0xFF472D76)
YUV	61.0960, 28.0537, 8.6858
Hunter-Lab	21.2706, 19.8995, -34.3199

Details

The Hex color **472D76** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **5C762D**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **7B5CAB**, and **140145** is the 20% darker color. If you saturate the color by 10%, you get **3F2176**, and if you desaturate by 10%, it is **4F3976**.

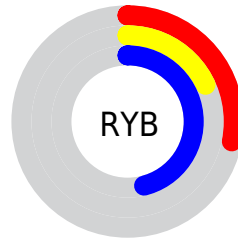
Distribution



Red (28%)

Green (18%)

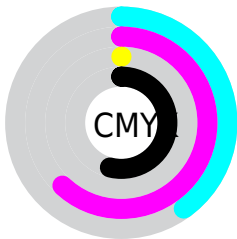
Blue (46%)



Red (28%)

Yellow (18%)

Blue (46%)

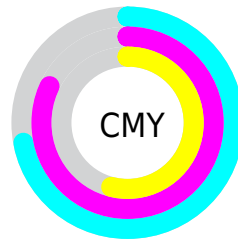


Cyan (40%)

Magenta (62%)

Yellow (0%)

Black (54%)



Cyan (72%)

Magenta (82%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 472D76 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 472D76 by changing the saturation by 10% instead.



472D76



472D76

FFFFFF



2E175D



7B5CAB



140145



9675C6



00002E



B18FE3



000118



CDAAFF



000000



EAC5FF



FFE1FF



FFFEFF



472D76



472D76

■ 3F2176

■ 4F3976

■ 381576

■ 564576

■ 300A76

■ 5E5076

■ 2A0076

■ 655C76

■ 6D6876

■ 757476

■ 7C8076

■ 848B76

■ 8B9776

Harmonies

Analogous

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



003E85



472D76



6D1558

Triad

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



472D76



603000



004B45

Complementary

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



472D76



5C762D

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.



004A1F



472D76



423E00

Square

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



472D76



741B11



184600



004B68

Rectangle

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



472D76



780640



184600



004B38

Sweetspot

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



472D76



867C99



2D5C76



413B4D



CCCCCC



4D4D4D

Same Dimension

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



472D76



502899



6B2D76



37353B



2C007A



5900FA

Inverse Universe

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



762D5C



992871



38762D



3B3539



7A004F



FA00A1

Previews

White Background



This preview shows how the Hex color 472D76 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

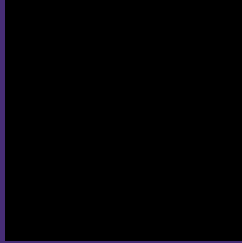
Any Text WCAG AA × Fail

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 472D76 Background



This preview shows how black text looks on a background with the Hex color 472D76.



This preview shows how white text looks on a background with the Hex color 472D76.

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](#).

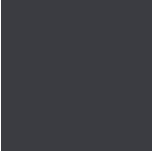
Dichromacy



Original Color
472D76

Protanopia
003A7C

Deuteranopia
003E6C



Tritanopia
3B3C41

Trichromacy



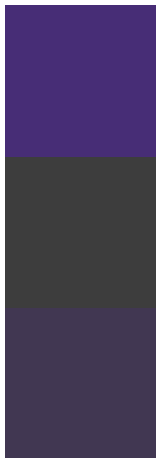
Original Color
472D76

Protanomaly
1A357A

Deuteranomaly
1A3870

Tritanomaly
3F3754

Monochromacy



Original Color
472D76

Achromatopsia
3D3D3D

Achromatomaly
413752

CSS Examples

Text

The CSS property to change the color of the text to Hex 472D76 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 #472D76 looks like.

```
.text, #text, p{  
    color:#472D76  
}
```

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 #472D76 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #472D76
}
```

Border

The CSS property to change the border of an element to Hex 472D76 is called "border". The border property can be set on classes, ids or directly on the HTML element.

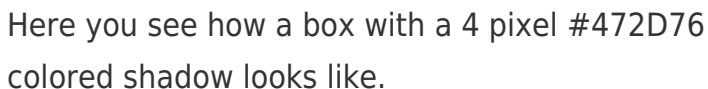
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#472D76 }
```

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

```
.border{ border-color:#472D76 }
```

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



Here you see how a box with a 4 pixel #472D76 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #472D76; -webkit-box-shadow:4px 4px  
4px 4px #472D76; box-shadow:4px 4px 4px  
4px #472D76 }
```

Background

The CSS property to change the background color of an element to Hex 472D76 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#472D76 }
```

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

```
.background{ background-color:#472D76 }
```

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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