

Converting Colors

Hex(472442)

Have a look what the booklet for
Hex(472442) contains.

Hex(472442)	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>	29

Color

Hex(472442)

Conversions

Conversions Part 1

Format	Color
Hex	472442
RGB	71, 36, 66
RGB Percent	28%, 14%, 26%
CMY	0.7216, 0.8588, 0.7412
CMYK	0.00, 0.49, 0.07, 0.72
HSL	309°, 33%, 21%
HSV	309°, 49%, 28%
XYZ	4.2128, 2.9947, 5.5103
YIQ	49.8850, 11.2300, 16.7500

Conversions

Conversions Part 2

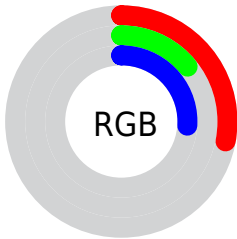
Format	Color
R_{YB}	71, 36, 66
Decimal	4662338
CIE _{Lab}	20.02, 21.68, -11.87
CIE _{LCh}	20, 24.715, 331.298
Yxy	2.9947, 0.3313, 0.2355
Android (android.graphics.Color)	4282852418 (0xFF472442)
YUV	49.8850, 7.9447, 18.5179
Hunter-Lab	17.3052, 13.1700, -6.7653

Details

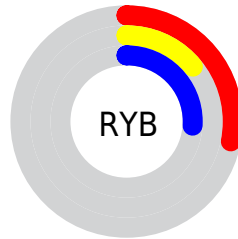
The Hex color **472442** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **244729**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **785272**, and **1E0018** is the 20% darker color. If you saturate the color by 10%, you get **471D41**, and if you desaturate by 10%, it is **472B43**.

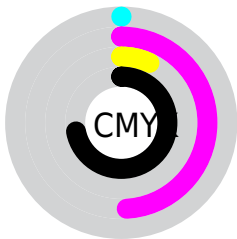
Distribution



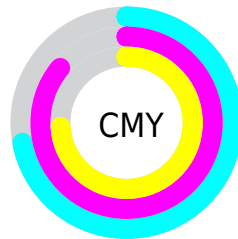
- Red (28%)
- Green (14%)
- Blue (26%)



- Red (28%)
- Yellow (14%)
- Blue (26%)



- Cyan (0%)
- Magenta (49%)
- Yellow (7%)
- Black (72%)



- Cyan (72%)
- Magenta (86%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 472442 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 472442 by changing the saturation by 10% instead.



472442



472442

FFFFFF



300E2C



785272



1E0018



936A8C



000000



AD84A6



C99EC1



E5B9DD



FFD5FA



FFF2FF



472442



472442

■ 471D41

■ 472B43

■ 471640

■ 473244

■ 470F3F

■ 473945

■ 47083E

■ 474046

■ 47003D

■ 474847

■ 474F48

■ 475649

■ 475D4A

■ 47644B

Harmonies

Analogous

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



322B4F



472442



512030

Triad

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



472442



3A3009



003943

Complementary

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



472442



244729

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.



003931



472442



273510

Square

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



472442



482910



0D381E



003750

Rectangle

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



472442



522124



0D381E



00393D

Sweetspot

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



472442



5C4E5A



292447



2E262D



ADADAD



2E2E2E

Same Dimension

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



472442



5C2654



472431



242023



630055



E300C3

Inverse Universe

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



472442



5C2654



24473A



242023



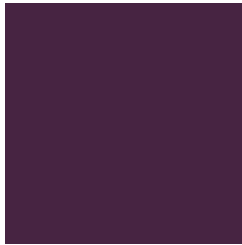
630055



E300C3

Previews

White Background



This preview shows how the Hex color 472442 looks on a white background.

Color Contrast Check

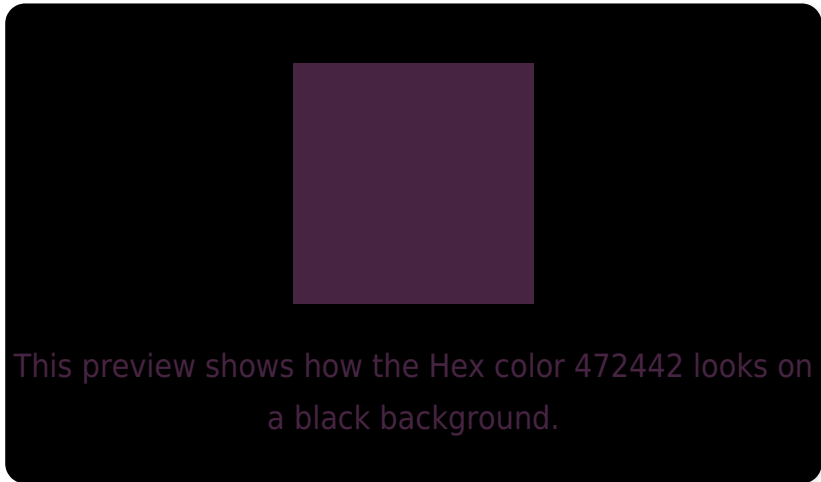
Large Text (above 18pt) WCAG AA ✓ Pass

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

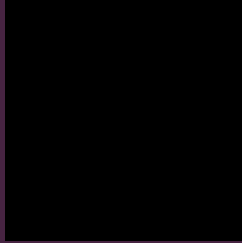
Any Text WCAG AA × Fail

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 472442 Background



This preview shows how black text looks on a background with the Hex color 472442.



This preview shows how white text looks on a background with the Hex color 472442.

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
472442

Protanopia
27304C

Deuteranopia
2E3040



Tritanopia
44292C

Trichromacy



Original Color
472442

Protanomaly
332C48

Deuteranomaly
372C41

Tritanomaly
452734

Monochromacy



Original Color
472442

Achromatopsia
323232

Achromatomaly
3A2D38

CSS Examples

Text

The CSS property to change the color of the text to Hex 472442 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 #472442 looks like.

```
.text, #text, p{  
    color:#472442  
}
```

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 #472442 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #472442
}
```

Border

The CSS property to change the border of an element to Hex 472442 is called "border". The border property can be set on classes, ids or directly on the HTML element.

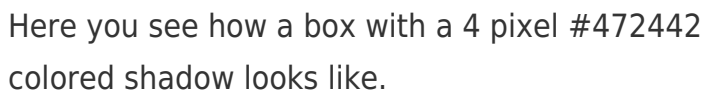
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#472442 }
```

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

```
.border{ border-color:#472442 }
```

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



Here you see how a box with a 4 pixel #472442 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #472442; -webkit-box-shadow:4px 4px  
4px 4px #472442; box-shadow:4px 4px 4px  
4px #472442 }
```

Background

The CSS property to change the background color of an element to Hex 472442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#472442 }
```

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

```
.background{ background-color:#472442 }
```

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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