

Converting Colors

Hex(472872)

Have a look what the booklet for
Hex(472872) contains.

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Color

Hex(472872)

Conversions

Conversions Part 1

Format	Color
Hex	472872
RGB	71, 40, 114
RGB Percent	28%, 16%, 45%
CMY	0.7216, 0.8431, 0.5529
CMYK	0.38, 0.65, 0.00, 0.55
HSL	265°, 48%, 30%
HSV	265°, 65%, 45%
XYZ	6.3946, 4.0721, 16.3685
YIQ	57.7050, -5.2780, 29.5860

Conversions

Conversions Part 2

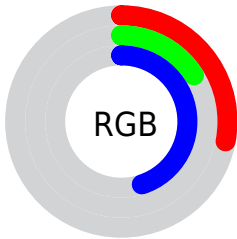
Format	Color
R_{YB}	71, 40, 114
Decimal	4663410
CIE _{Lab}	23.91, 31.34, -37.54
CIE _{LCh}	24, 48.899, 309.859
Yxy	4.0721, 0.2383, 0.1517
Android (android.graphics.Color)	4282853490 (0xFF472872)
YUV	57.7050, 27.7534, 11.6597
Hunter-Lab	20.1794, 21.2504, -33.9676

Details

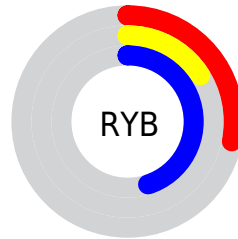
The Hex color **472872** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **537228**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **7B57A7**, and **160041** is the 20% darker color. If you saturate the color by 10%, you get **401D72**, and if you desaturate by 10%, it is **4E3372**.

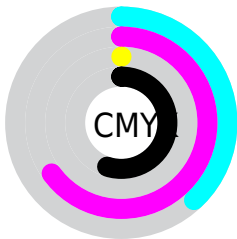
Distribution



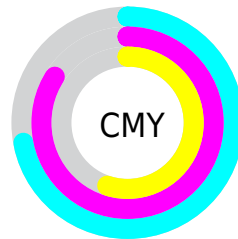
- Red (28%)
- Green (16%)
- Blue (45%)



- Red (28%)
- Yellow (16%)
- Blue (45%)



- Cyan (38%)
- Magenta (65%)
- Yellow (0%)
- Black (55%)



- Cyan (72%)
- Magenta (84%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 472872 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 472872 by changing the saturation by 10% instead.

■ 472872

■ 472872

FFFFFF

■ 2E1259

■ 7B57A7

■ 160041

■ 9570C2

■ 00002A

■ B18ADE

■ 000114

■ CDA4FB

■ 000000

■ EAC0FF

■ FFDCFF

■ FFF8FF

■ 472872

■ 472872

■ 401D72

■ 4E3372

■ 3A1172

■ 543F72

■ 330672

■ 5B4A72

■ 300072

■ 615672

■ 686172

■ 6F6C72

■ 757872

■ 7C8372

■ 838F72

Harmonies

Analogous

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



003A82



472872



6C0C53

Triad

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



472872



5A2D00



004844

Complementary

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



472872



537228

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.



00471E



472872



3C3B00

Square

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



472872



70180A



0F4300



004868

Rectangle

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



472872



76003B



0F4300



004838

Sweetspot

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



472872



847894



285372



40394A



C9C9C9



4A4A4A

Same Dimension

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



472872



512194



6C2872



353238



320078



6800F7

Inverse Universe

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



722853



942164



2E7228



383236



780046



F70090

Previews

White Background



This preview shows how the Hex color 472872 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

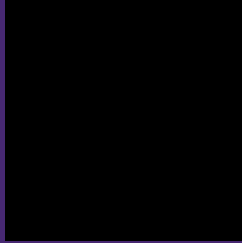
Any Text WCAG AA × Fail

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 472872 Background



This preview shows how black text looks on a background with the Hex color 472872.



This preview shows how white text looks on a background with the Hex color 472872.

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
472872

Protanopia
003775

Deuteranopia
003B66



Tritanopia
3C383D

Trichromacy



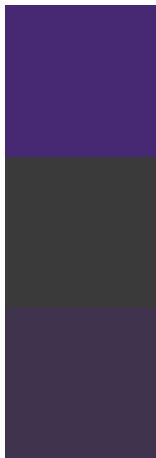
Original Color
472872

Protanomaly
1A3274

Deuteranomaly
1A346A

Tritanomaly
403250

Monochromacy



Original Color
472872

Achromatopsia
3A3A3A

Achromatomaly
3F334E

CSS Examples

Text

The CSS property to change the color of the text to Hex 472872 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 #472872 looks like.

```
.text, #text, p{  
    color:#472872  
}
```

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 #472872 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #472872
}
```

Border

The CSS property to change the border of an element to Hex 472872 is called "border". The border property can be set on classes, ids or directly on the HTML element.

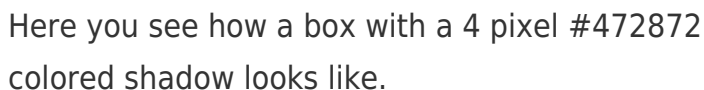
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#472872 }
```

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

```
.border{ border-color:#472872 }
```

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



Here you see how a box with a 4 pixel #472872 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #472872; -webkit-box-shadow:4px 4px  
4px 4px #472872; box-shadow:4px 4px 4px  
4px #472872 }
```

Background

The CSS property to change the background color of an element to Hex 472872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#472872 }
```

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

```
.background{ background-color:#472872 }
```

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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