

Converting Colors

Hex(472673)

Have a look what the booklet for
Hex(472673) contains.

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Color

Hex(472673)

Conversions

Conversions Part 1

Format	Color
Hex	472673
RGB	71, 38, 115
RGB Percent	28%, 15%, 45%
CMY	0.7216, 0.8510, 0.5490
CMYK	0.38, 0.67, 0.00, 0.55
HSL	266°, 50%, 30%
HSV	266°, 67%, 45%
XYZ	6.3862, 3.9636, 16.6481
YIQ	56.6450, -5.0490, 30.9430

Conversions

Conversions Part 2

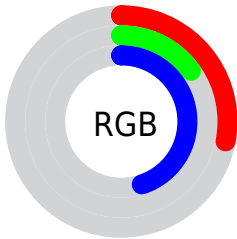
Format	Color
RYB	71, 38, 115
Decimal	4662899
CIELab	23.55, 32.79, -38.76
CIElCh	24, 50.766, 310.235
Yxy	3.9636, 0.2365, 0.1468
Android (android.graphics.Color)	4282852979 (0xFF472673)
YUV	56.6450, 28.7690, 12.5893
Hunter-Lab	19.9089, 22.4169, -35.6431

Details

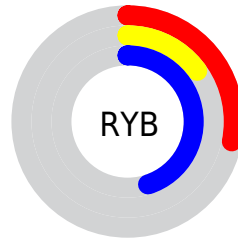
The Hex color **472673** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **527326**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **7B55A8**, and **150042** is the 20% darker color. If you saturate the color by 10%, you get **401B73**, and if you desaturate by 10%, it is **4E3173**.

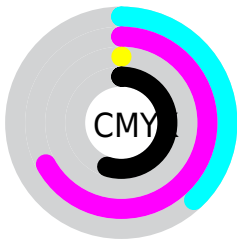
Distribution



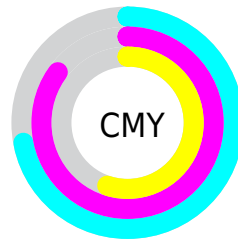
- Red (28%)
- Green (15%)
- Blue (45%)



- Red (28%)
- Yellow (15%)
- Blue (45%)



- Cyan (38%)
- Magenta (67%)
- Yellow (0%)
- Black (55%)



- Cyan (72%)
- Magenta (85%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color 472673 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 472673 by changing the saturation by 10% instead.

■ 472673

■ 472673

FFFFFF

■ 2E0F5A

■ 7B55A8

■ 150042

■ 966EC3

■ 00002B

■ B188DF

■ 000115

■ CDA2FC

■ 000000

■ EABEFF

■ FFDAFF

■ FFF6FF

■ 472673

■ 472673

■ 401B73

■ 4E3173

■ 3A0F73

■ 543D73

■ 330373

■ 5B4973

■ 310073

■ 615473

■ 686073

■ 6E6B73

■ 757773

■ 7C8273

■ 828E73

Harmonies

Analogous

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



003984



472673



6D0453

Triad

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



472673



5A2C00



004845

Complementary

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



472673



527326

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.



00461C



472673



3A3B00

Square

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



472673



701405



094200



004769

Rectangle

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



472673



77003A



094200



004737

Sweetspot

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



472673



857896



265373



423A4D



CCCCCC



4D4D4D

Same Dimension

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



472673



521E96



6D2673



37353B



34007A



6B00FA

Inverse Universe

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



732652



961E63



2C7326



3B3538



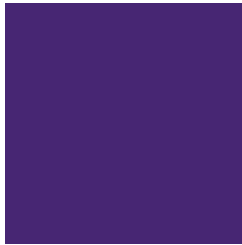
7A0046



FA008F

Previews

White Background



This preview shows how the Hex color 472673 looks on a white background.

Color Contrast Check

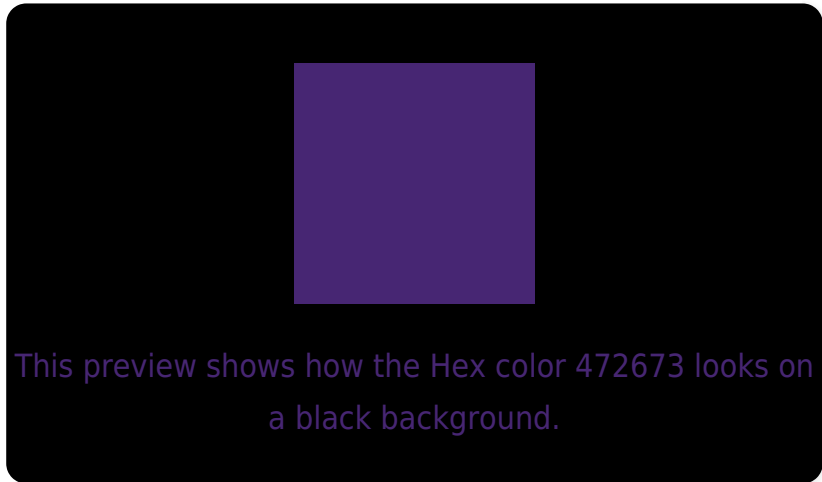
Large Text (above 18pt) WCAG AA ✓ Pass

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

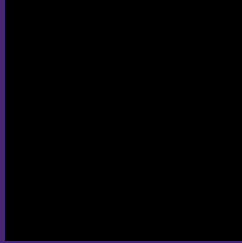
Any Text WCAG AA × Fail

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 472673 Background



This preview shows how black text looks on a background with the Hex color 472673.



This preview shows how white text looks on a background with the Hex color 472673.

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
472673

Protanopia
003774

Deuteranopia
003A65



Tritanopia
3B373C

Trichromacy



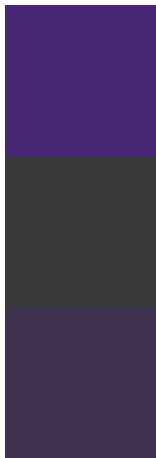
Original Color
472673

Protanomaly
1A3174

Deuteranomaly
1A336A

Tritanomaly
3F3150

Monochromacy



Original Color
472673

Achromatopsia
393939

Achromatomaly
3E324E

CSS Examples

Text

The CSS property to change the color of the text to Hex 472673 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 #472673 looks like.

```
.text, #text, p{  
    color:#472673  
}
```

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 #472673 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #472673
}
```

Border

The CSS property to change the border of an element to Hex 472673 is called "border". The border property can be set on classes, ids or directly on the HTML element.

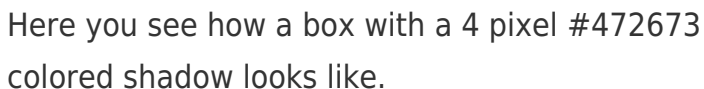
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#472673 }
```

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

```
.border{ border-color:#472673 }
```

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



Here you see how a box with a 4 pixel #472673 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #472673; -webkit-box-shadow:4px 4px  
4px 4px #472673; box-shadow:4px 4px 4px  
4px #472673 }
```

Background

The CSS property to change the background color of an element to Hex 472673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#472673 }
```

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

```
.background{ background-color:#472673 }
```

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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