

Converting Colors

Hex(472966)

Have a look what the booklet for
Hex(472966) contains.

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Color

Hex(472966)

Conversions

Conversions Part 1

Format	Color
Hex	472966
RGB	71, 41, 102
RGB Percent	28%, 16%, 40%
CMY	0.7216, 0.8392, 0.6000
CMYK	0.30, 0.60, 0.00, 0.60
HSL	270°, 43%, 28%
HSV	270°, 60%, 40%
XYZ	5.7897, 3.8848, 13.0151
YIQ	56.9240, -1.7010, 25.3310

Conversions

Conversions Part 2

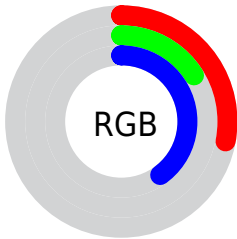
Format	Color
R_{YB}	71, 41, 102
Decimal	4663654
CIE _{Lab}	23.29, 27.39, -30.78
CIE _{LCh}	23, 41.208, 311.664
Yxy	3.8848, 0.2552, 0.1712
Android (android.graphics.Color)	4282853734 (0xFF472966)
YUV	56.9240, 22.2225, 12.3447
Hunter-Lab	19.7098, 17.9420, -25.3542

Details

The Hex color **472966** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **486629**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **7A5899**, and **190037** is the 20% darker color. If you saturate the color by 10%, you get **421F66**, and if you desaturate by 10%, it is **4C3366**.

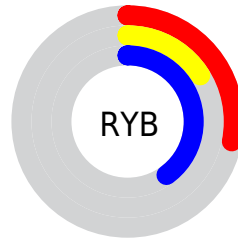
Distribution



Red (28%)

Green (16%)

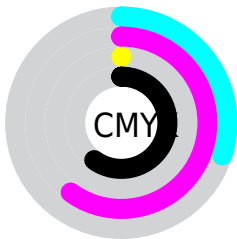
Blue (40%)



Red (28%)

Yellow (16%)

Blue (40%)

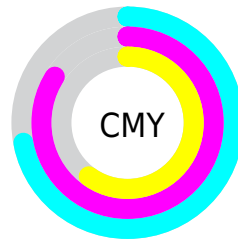


Cyan (30%)

Magenta (60%)

Yellow (0%)

Black (60%)



Cyan (72%)

Magenta (84%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 472966 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 472966 by changing the saturation by 10% instead.

472966

472966

FFFFFF

2F134E

7A5899

190037

9470B4

000220

AF8AD0

000005

CBA5ED

000000

E8C0FF

FFDCFF

FFF9FF

472966

472966

■ 421F66

■ 4C3366

■ 3D1566

■ 513D66

■ 370A66

■ 574866

■ 320066

■ 5C5266

■ 615C66

■ 666666

■ 6B7066

■ 707B66

■ 768566

Harmonies

Analogous

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



003774



472966



64184C

Triad

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



472966



542F00



004543

Complementary

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



472966



486629

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.



004423



472966



3B3A00

Square

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



472966



66200F



154101



004460

Rectangle

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



472966



6C1137



154101



004538

Sweetspot

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



472966



786D85



294966



3B3442



C2C2C2



424242

Same Dimension

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



472966



542585



652966



302E33



380073



7700F2

Inverse Universe

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



662948



852556



2A6629



332E30



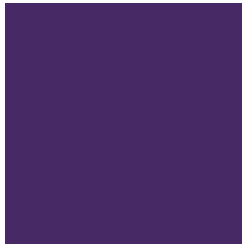
73003A



F2007B

Previews

White Background



This preview shows how the Hex color 472966 looks on a white background.

Color Contrast Check

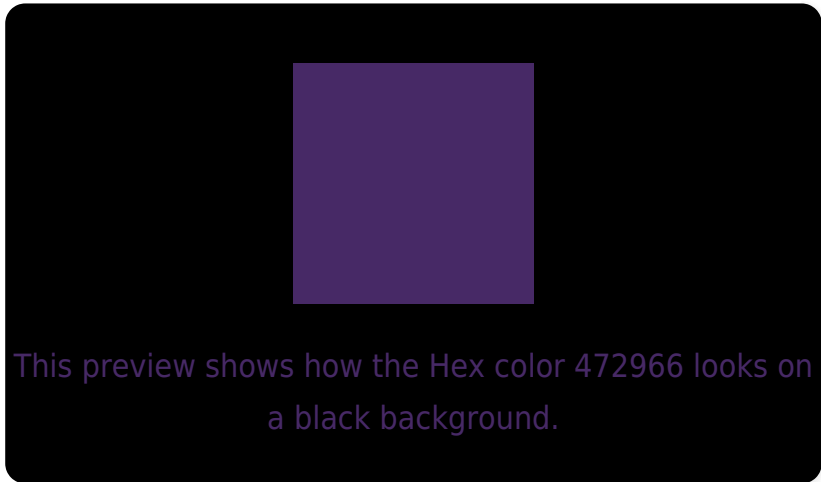
Large Text (above 18pt) WCAG AA ✓ Pass

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

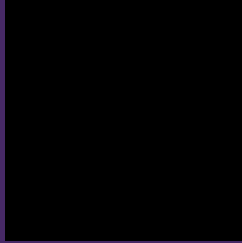
Any Text WCAG AA × Fail

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 472966 Background



This preview shows how black text looks on a background with the Hex color 472966.



This preview shows how white text looks on a background with the Hex color 472966.

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
472966

Protanopia
003673

Deuteranopia
123963



Tritanopia
3F353A

Trichromacy



Original Color
472966

Protanomaly
1A316E

Deuteranomaly
253364

Tritanomaly
42314A

Monochromacy



Original Color
472966

Achromatopsia
393939

Achromatomaly
3E3349

CSS Examples

Text

The CSS property to change the color of the text to Hex 472966 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 #472966 looks like.

```
.text, #text, p{  
    color:#472966  
}
```

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 #472966 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #472966
}
```

Border

The CSS property to change the border of an element to Hex 472966 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
#472966 }
```

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

```
.border{ border-color:#472966 }
```

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

Here you see how a box with a 4 pixel #472966 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #472966; -webkit-box-shadow:4px 4px  
4px 4px #472966; box-shadow:4px 4px 4px  
4px #472966 }
```

Background

The CSS property to change the background color of an element to Hex 472966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#472966 }
```

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

```
.background{ background-color:#472966 }
```

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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