

Converting Colors

Hex(472657)

Have a look what the booklet for
Hex(472657) contains.

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Color

Hex(472657)

Conversions

Conversions Part 1

Format	Color
Hex	472657
RGB	71, 38, 87
RGB Percent	28%, 15%, 34%
CMY	0.7216, 0.8510, 0.6588
CMYK	0.18, 0.56, 0.00, 0.66
HSL	280°, 39%, 25%
HSV	280°, 56%, 34%
XYZ	5.0119, 3.4139, 9.4116
YIQ	53.4530, 3.9390, 22.2350

Conversions

Conversions Part 2

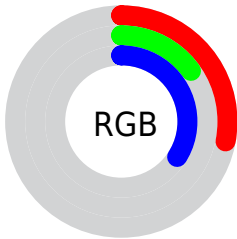
Format	Color
R_{YB}	71, 38, 87
Decimal	4662871
CIE Lab	21.63, 25.29, -23.55
CIE LCh	22, 34.560, 317.047
Yxy	3.4139, 0.2810, 0.1914
Android (android.graphics.Color)	4282852951 (0xFF472657)
YUV	53.4530, 16.5387, 15.3887
Hunter-Lab	18.4768, 16.0846, -17.2670

Details

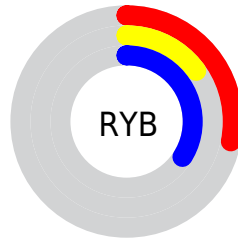
The Hex color **472657** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **365726**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **795489**, and **1D0029** is the 20% darker color. If you saturate the color by 10%, you get **441D57**, and if you desaturate by 10%, it is **4A2F57**.

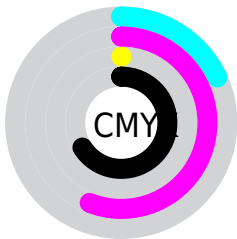
Distribution



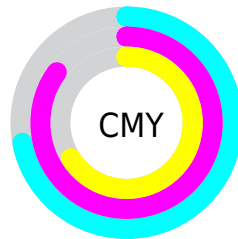
- Red (28%)
- Green (15%)
- Blue (34%)



- Red (28%)
- Yellow (15%)
- Blue (34%)



- Cyan (18%)
- Magenta (56%)
- Yellow (0%)
- Black (66%)



- Cyan (72%)
- Magenta (85%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 472657 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 472657 by changing the saturation by 10% instead.

■ 472657

■ 472657

FFFFFF

■ 2F103F

■ 795489

■ 1D0029

■ 936DA4

■ 000113

■ AE87BF

■ 000000

■ CAA1DB

■ E6BCF7

■ FFD8FF

■ FFF5FF

■ 472657

■ 472657

■ 441D57

■ 4A2F57

■ 411557

■ 4D3757

■ 3E0C57

■ 504057

■ 3C0357

■ 524957

■ 3B0057

■ 555257

■ 585A57

■ 5B6357

■ 5E6C57

■ 617457

Harmonies

Analogous

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



193265



472657



5C1B40

Triad

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



472657



492F00



004042

Complementary

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



472657



365726

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.



003F28



472657



333700

Square

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



472657



5A230F



123C0E



003E59

Rectangle

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



472657



61182F



123C0E



004039

Sweetspot

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



472657



6A5D70



263657



342D38



B8B8B8



383838

Same Dimension

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



472657



572470



57264F



2A272B



48006B



9E00EB

Inverse Universe

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



572636



70243D



26572E



2B2728



6B0023



EB004D

Previews

White Background



This preview shows how the Hex color 472657 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

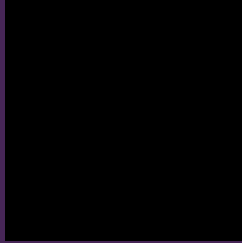
Any Text WCAG AA × Fail

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 472657 Background



This preview shows how black text looks on a background with the Hex color 472657.



This preview shows how white text looks on a background with the Hex color 472657.

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
472657

Protanopia
1A3363

Deuteranopia
223554



Tritanopia
412F33

Trichromacy



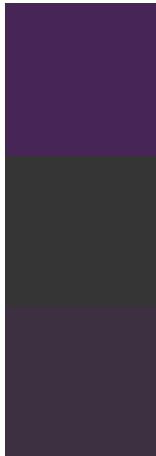
Original Color
472657

Protanomaly
2A2E5F

Deuteranomaly
2F3055

Tritanomaly
432C40

Monochromacy



Original Color
472657

Achromatopsia
353535

Achromatomaly
3C3041

CSS Examples

Text

The CSS property to change the color of the text to Hex 472657 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 #472657 looks like.

```
.text, #text, p{  
    color:#472657  
}
```

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 #472657 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #472657
}
```

Border

The CSS property to change the border of an element to Hex 472657 is called "border". The border property can be set on classes, ids or directly on the HTML element.

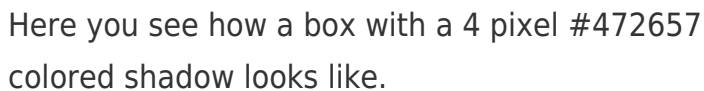
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#472657 }
```

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

```
.border{ border-color:#472657 }
```

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



Here you see how a box with a 4 pixel #472657 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #472657; -webkit-box-shadow:4px 4px  
4px 4px #472657; box-shadow:4px 4px 4px  
4px #472657 }
```

Background

The CSS property to change the background color of an element to Hex 472657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#472657 }
```

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

```
.background{ background-color:#472657 }
```

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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