

Converting Colors

Hex(474251)

Have a look what the booklet for
Hex(474251) contains.

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Color

Hex(474251)

Conversions

Conversions Part 1

Format	Color
Hex	474251
RGB	71, 66, 81
RGB Percent	28%, 26%, 32%
CMY	0.7216, 0.7412, 0.6824
CMYK	0.12, 0.19, 0.00, 0.68
HSL	260°, 10%, 29%
HSV	260°, 19%, 32%
XYZ	6.0320, 5.8301, 8.5920
YIQ	69.2050, -1.8350, 5.7250

Conversions

Conversions Part 2

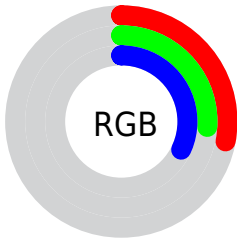
Format	Color
R_YB	71, 66, 81
Decimal	4670033
CIE Lab	28.98, 5.56, -8.23
CIE LCh	29, 9.935, 304.036
Yxy	5.8301, 0.2949, 0.2850
Android (android.graphics.Color)	4282860113 (0xFF474251)
YUV	69.2050, 5.8149, 1.5742
Hunter-Lab	24.1456, 2.3373, -4.1959

Details

The Hex color **474251** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4C5142**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **777282**, and **1B1724** is the 20% darker color. If you saturate the color by 10%, you get **423A51**, and if you desaturate by 10%, it is **4C4A51**.

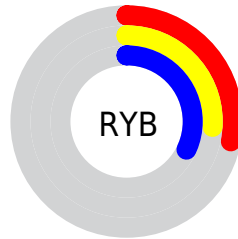
Distribution



Red (28%)

Green (26%)

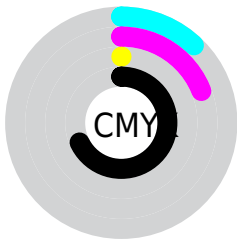
Blue (32%)



Red (28%)

Yellow (26%)

Blue (32%)

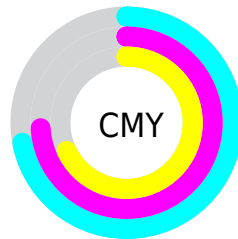


Cyan (12%)

Magenta (19%)

Yellow (0%)

Black (68%)



Cyan (72%)

Magenta (74%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 474251 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 474251 by changing the saturation by 10% instead.



474251



474251

FFFFFF



312C3A



777282



1B1724



918B9C



00000F



ACA6B7



000000



C7C1D3



E3DDEF



FFF9FF



474251



474251



423A51



4C4A51

■ 3C3251

■ 525251

■ 372A51

■ 575A51

■ 312251

■ 5D6251

■ 2C1A51

■ 626B51

■ 271151

■ 677351

■ 210951

■ 6D7B51

■ 1C0151

■ 728351

■ 1B0051

■ 788B51

Harmonies

Analogous

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



3D4553



474251



4F404B

Triad

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



474251



504237



314945

Complementary

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



474251



4C5142

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.



38483D



474251



494435

Square

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



474251



54403C



414637



30484D

Rectangle

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



474251



533F46



414637



334942

Sweetspot

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



474251



646269



424C51



333236



B5B5B5



363636

Same Dimension

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



474251



595269



4F4251



262529



230069



4D00E8

Inverse Universe

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



51424C



695261



455142



292527



690046



E8009B

Previews

White Background



This preview shows how the Hex color 474251 looks on a white background.

Color Contrast Check

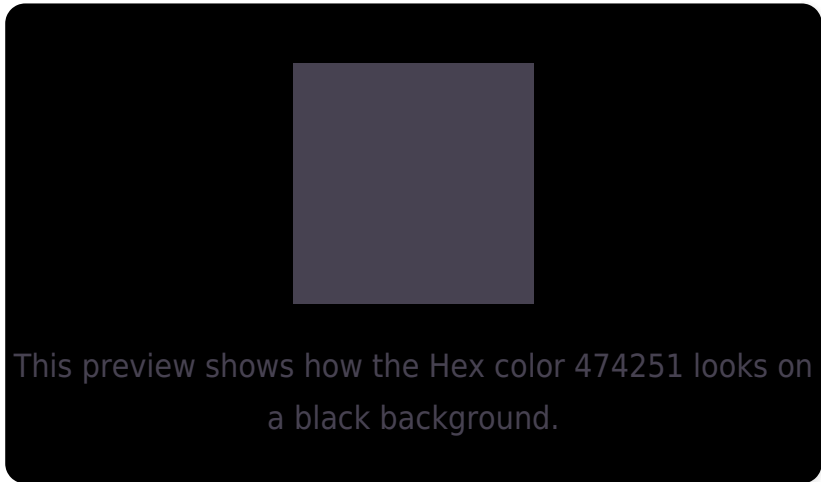
Large Text (above 18pt) WCAG AA ✓ Pass

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

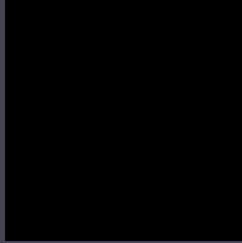
Any Text WCAG AA × Fail

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 474251 Background



This preview shows how black text looks on a background with the Hex color 474251.



This preview shows how white text looks on a background with the Hex color 474251.

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
474251

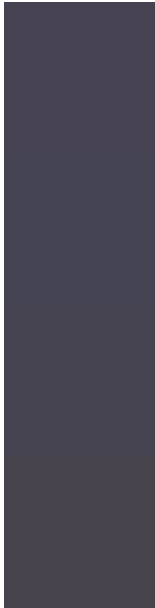
Protanopia
414452

Deuteranopia
454351



Tritanopia
464349

Trichromacy



Original Color

474251

Protanomaly

434352

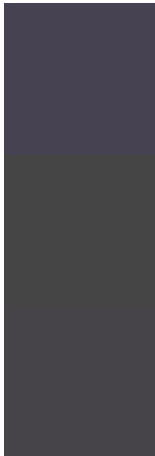
Deuteranomaly

464351

Tritanomaly

46434C

Monochromacy



Original Color

474251

Achromatopsia

454545

Achromatomaly

464449

CSS Examples

Text

The CSS property to change the color of the text to Hex 474251 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 #474251 looks like.

```
.text, #text, p{  
    color:#474251  
}
```

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 #474251 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #474251
}
```

Border

The CSS property to change the border of an element to Hex 474251 is called "border". The border property can be set on classes, ids or directly on the HTML element.

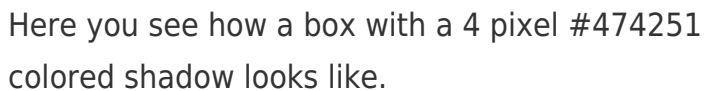
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#474251 }
```

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

```
.border{ border-color:#474251 }
```

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



Here you see how a box with a 4 pixel #474251 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #474251; -webkit-box-shadow:4px 4px  
4px 4px #474251; box-shadow:4px 4px 4px  
4px #474251 }
```

Background

The CSS property to change the background color of an element to Hex 474251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#474251 }
```

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

```
.background{ background-color:#474251 }
```

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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