

Converting Colors

Hex(474642)

Have a look what the booklet for
Hex(474642) contains.

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Color

Hex(474642)

Conversions

Conversions Part 1

Format	Color
Hex	474642
RGB	71, 70, 66
RGB Percent	28%, 27%, 26%
CMY	0.7216, 0.7255, 0.7412
CMYK	0.00, 0.01, 0.07, 0.72
HSL	48°, 4%, 27%
HSV	48°, 7%, 28%
XYZ	5.7721, 6.1133, 6.0300
YIQ	69.8430, 1.8800, -1.0320

Conversions

Conversions Part 2

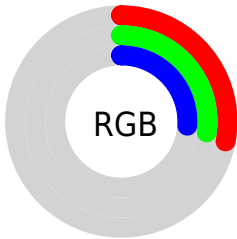
Format	Color
RYB	67, 71, 66
Decimal	4671042
CIELab	29.70, -0.43, 2.55
CIELCh	30, 2.590, 99.669
Yxy	6.1133, 0.3222, 0.3412
Android (android.graphics.Color)	4282861122 (0xFF474642)
YUV	69.8430, -1.8946, 1.0147
Hunter-Lab	24.7250, -1.5979, 2.8477

Details

The Hex color **474642** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **424347**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **777672**, and **1C1B17** is the 20% darker color. If you saturate the color by 10%, you get **47453B**, and if you desaturate by 10%, it is **474749**.

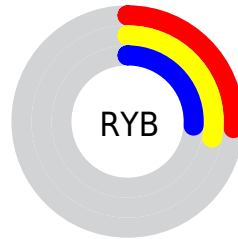
Distribution



Red (28%)

Green (27%)

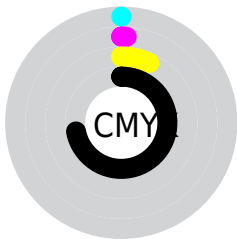
Blue (26%)



Red (26%)

Yellow (28%)

Blue (26%)

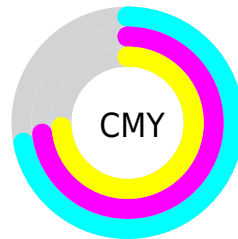


Cyan (0%)

Magenta (1%)

Yellow (7%)

Black (72%)



Cyan (72%)

Magenta (73%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 474642 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 474642 by changing the saturation by 10% instead.

■ 474642

■ 474642

FFFFFF

■ 31302C

■ 777672

■ 1C1B17

■ 91908B

■ 000000

■ ACAA6

■ C7C6C1

■ E3E2DD

■ FFFE9

■ 474642

■ 474642

■ 47453B

■ 474749

■ 474334

■ 474950

■ 47422D

■ 474A57

■ 474026

■ 474C5E

■ 473F1F

■ 474D66

■ 473D17

■ 474F6D

■ 473C10

■ 475074

■ 473B09

■ 47517B

■ 473902

■ 475382

Harmonies

Analogous

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



494542



474642



454743

Triad

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



474642



414748



494547

Complementary

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



474642



424347

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.



474549



474642



43474A

Square

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



474642



414747



45464A



4A4545

Rectangle

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



474642



434744



45464A



494548

Sweetspot

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



474642



5C5B5A



474243



2E2E2D



ADADAD



2E2E2E

Same Dimension

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



474642



5C5A54



464742



242320



635000



E3B600

Inverse Universe

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



424347



54565C



444247



202124



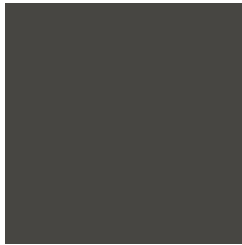
001463



002DE3

Previews

White Background



This preview shows how the Hex color 474642 looks on a white background.

Color Contrast Check

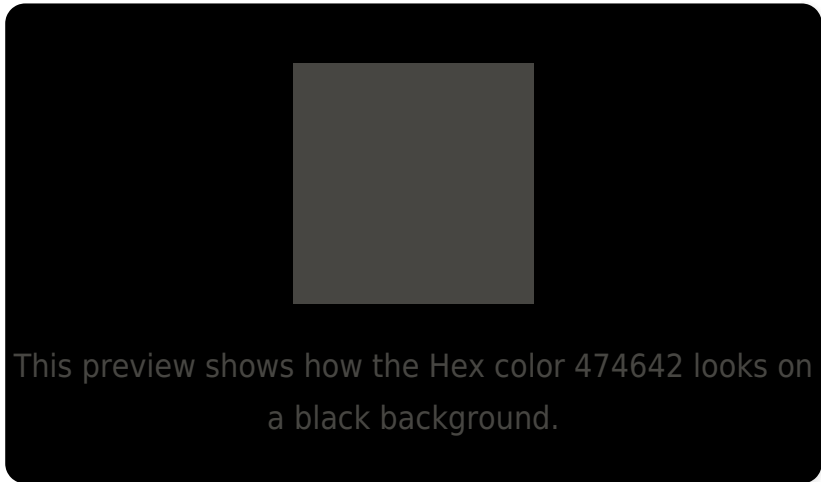
Large Text (above 18pt) WCAG AA ✓ Pass

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

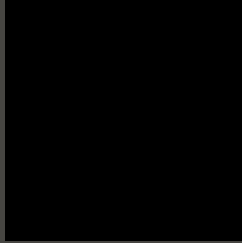
Any Text WCAG AA × Fail

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 474642 Background



This preview shows how black text looks on a background with the Hex color 474642.



This preview shows how white text looks on a background with the Hex color 474642.

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
474642

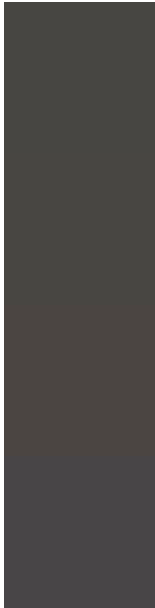
Protanopia
484642

Deuteranopia
4E4442



Tritanopia
48454A

Trichromacy



Original Color

474642

Protanomaly

484642

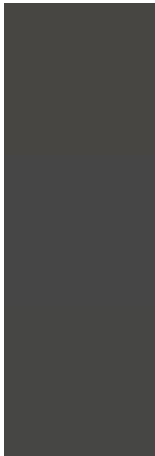
Deuteranomaly

4B4542

Tritanomaly

484547

Monochromacy



Original Color

474642

Achromatopsia

464646

Achromatomaly

464645

CSS Examples

Text

The CSS property to change the color of the text to Hex 474642 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 #474642 looks like.

```
.text, #text, p{  
    color:#474642  
}
```

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 #474642 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #474642
}
```

Border

The CSS property to change the border of an element to Hex 474642 is called "border". The border property can be set on classes, ids or directly on the HTML element.

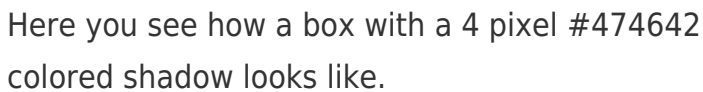
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#474642 }
```

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

```
.border{ border-color:#474642 }
```

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

A rectangular box with a 4-pixel dark blue shadow. The box is white with a thin black border. The shadow is a solid dark blue color, extending 4 pixels to the right and 4 pixels down from the bottom-right corner of the box.

Here you see how a box with a 4 pixel #474642 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #474642; -webkit-box-shadow:4px 4px  
4px 4px #474642; box-shadow:4px 4px 4px  
4px #474642 }
```

Background

The CSS property to change the background color of an element to Hex 474642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#474642 }
```

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

```
.background{ background-color:#474642 }
```

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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