

Converting Colors

Hex(474A49)

Have a look what the booklet for
Hex(474A49) contains.

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Color

Hex(474A49)

Conversions

Conversions Part 1

Format	Color
Hex	474A49
RGB	71, 74, 73
RGB Percent	28%, 29%, 29%
CMY	0.7216, 0.7098, 0.7137
CMYK	0.04, 0.00, 0.01, 0.71
HSL	160°, 2%, 28%
HSV	160°, 4%, 29%
XYZ	6.2499, 6.7182, 7.2707
YIQ	72.9890, -1.4670, -0.9470

Conversions

Conversions Part 2

Format	Color
R_{YB}	71, 73, 74
Decimal	4672073
CIE Lab	31.16, -1.45, 0.16
CIE LCh	31, 1.458, 173.521
Yxy	6.7182, 0.3088, 0.3319
Android (android.graphics.Color)	4282862153 (0xFF474A49)
YUV	72.9890, 0.0054, -1.7444
Hunter-Lab	25.9195, -2.3177, 1.5122

Details

The Hex color **474A49** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4A4748**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **777B79**, and **1C1E1E** is the 20% darker color. If you saturate the color by 10%, you get **404A47**, and if you desaturate by 10%, it is **4E4A4B**.

Distribution



 Red (28%)

 Green (29%)

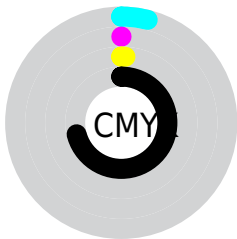
 Blue (29%)



 Red (28%)

 Yellow (29%)

 Blue (29%)



 Cyan (4%)

 Magenta (0%)

 Yellow (1%)

 Black (71%)



 Cyan (72%)

 Magenta (71%)

 Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 474A49 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 474A49 by changing the saturation by 10% instead.



474A49



474A49

FFFFFF



313333



777B79



1C1E1E



919493



010504



ABAF AE



000000



C7CAC9



E3E6E5



474A49



474A49



404A47



4E4A4B



384A44



564A4E

■ 314A42

■ 5D4A50

■ 294A3F

■ 654A53

■ 224A3D

■ 6C4A55

■ 1B4A3A

■ 734A58

■ 134A38

■ 7B4A5A

■ 0C4A35

■ 824A5D

■ 044A33

■ 8A4A5F

Harmonies

Analogous

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



484A48



474A49



474A4A

Triad

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



474A49



49494B



4C4948

Complementary

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



474A49



4A4748

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.



4C4948



474A49



4B494B

Square

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



474A49



48494C



4C494A



4B4947

Rectangle

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



474A49



474A4B



4C494A



4C4948

Sweetspot

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



474A49



606161



484A47



303030



B0B0B0

Same Dimension

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



474A49



5C615F



474A4A



242625



006644



00E699

Inverse Universe

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



4A4748



615C5E



4A4747



262425



660022



E6004D

Previews

White Background



This preview shows how the Hex color 474A49 looks on a white background.

Color Contrast Check

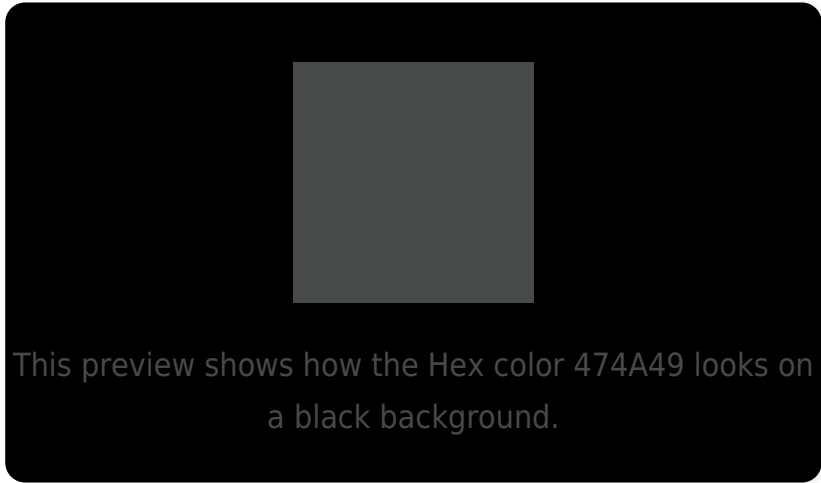
Large Text (above 18pt) WCAG AA ✓ Pass

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

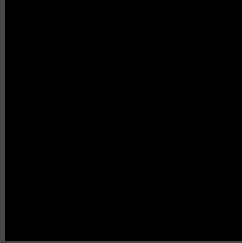
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

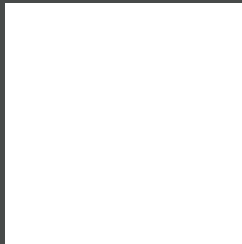
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 474A49 Background



This preview shows how black text looks on a background with the Hex color 474A49.

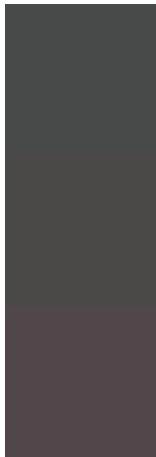


This preview shows how white text looks on a background with the Hex color 474A49.

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](#).

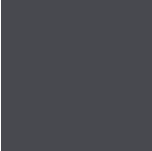
Dichromacy



Original Color
474A49

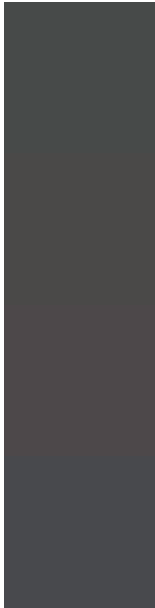
Protanopia
4B4948

Deuteranopia
50474A



Tritanopia
48494F

Trichromacy



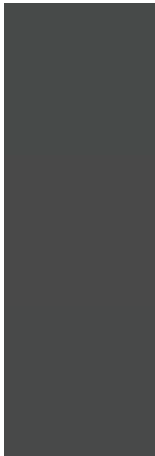
Original Color
474A49

Protanomaly
4A4948

Deuteranomaly
4D484A

Tritanomaly
48494D

Monochromacy



Original Color
474A49

Achromatopsia
494949

Achromatomaly
484949

CSS Examples

Text

The CSS property to change the color of the text to Hex 474A49 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 #474A49 looks like.

```
.text, #text, p{  
    color:#474A49  
}
```

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 #474A49 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #474A49
}
```

Border

The CSS property to change the border of an element to Hex 474A49 is called "border". The border property can be set on classes, ids or directly on the HTML element.

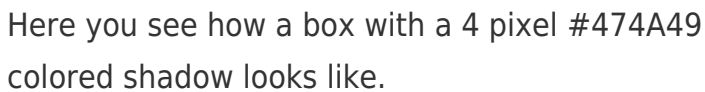
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#474A49 }
```

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

```
.border{ border-color:#474A49 }
```

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



Here you see how a box with a 4 pixel #474A49 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #474A49; -webkit-box-shadow:4px 4px  
4px 4px #474A49; box-shadow:4px 4px 4px  
4px #474A49 }
```

Background

The CSS property to change the background color of an element to Hex 474A49 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#474A49 }
```

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

```
.background{ background-color:#474A49 }
```

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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