

Converting Colors

Hex(474A4E)

Have a look what the booklet for
Hex(474A4E) contains.

Hex(474A4E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(474A4E)

Conversions

Conversions Part 1

Format	Color
Hex	474A4E
RGB	71, 74, 78
RGB Percent	28%, 29%, 31%
CMY	0.7216, 0.7098, 0.6941
CMYK	0.09, 0.05, 0.00, 0.69
HSL	214°, 5%, 29%
HSV	214°, 9%, 31%
XYZ	6.4225, 6.7872, 8.1793
YIQ	73.5590, -3.0720, 0.6080

Conversions

Conversions Part 2

Format	Color
R_YB	71, 73, 78
Decimal	4672078
CIE Lab	31.32, -0.30, -2.81
CIE LCh	31, 2.822, 263.865
Yxy	6.7872, 0.3003, 0.3173
Android (android.graphics.Color)	4282862158 (0xFF474A4E)
YUV	73.5590, 2.1894, -2.2442
Hunter-Lab	26.0523, -1.5873, -0.3779

Details

The Hex color **474A4E** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4E4B47**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **777B7F**, and **1C1E22** is the 20% darker color. If you saturate the color by 10%, you get **3F464E**, and if you desaturate by 10%, it is **4F4E4E**.

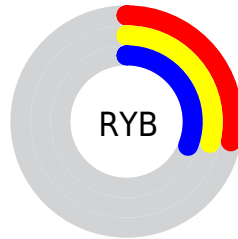
Distribution



Red (28%)

Green (29%)

Blue (31%)



Red (28%)

Yellow (29%)

Blue (31%)

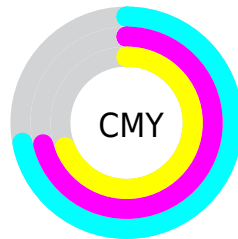


Cyan (9%)

Magenta (5%)

Yellow (0%)

Black (69%)



Cyan (72%)

Magenta (71%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 474A4E 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 474A4E by changing the saturation by 10% instead.



474A4E



474A4E

FFFFFF



313337



777B7F



1C1E22



919499



01050C



ACAFB4



000000



C7CACF



E3E6EB



474A4E



474A4E



3F464E



4F4E4E



37414E



57534E

■ 303D4E

■ 5E574E

■ 28384E

■ 665C4E

■ 20344E

■ 6E604E

■ 182F4E

■ 76654E

■ 102B4E

■ 7E694E

■ 09264E

■ 856E4E

■ 01224E

■ 8D724E

Harmonies

Analogous

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



454B4D



474A4E



4A494E

Triad

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



474A4E



4F4848



474B47

Complementary

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



474A4E



4E4B47

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.



4A4A46



474A4E



4E4946

Square

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



474A4E



4E484A



4C4945



454B49

Rectangle

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



474A4E



4B494D



4C4945



484B46

Sweetspot

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



474A4E



636466



474E4B



313233



B3B3B3



333333

Same Dimension

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



474A4E



5B6066



47474E



222426



002C66



0062E6

Inverse Universe

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



4E474A



665B60



4E4E47



262224



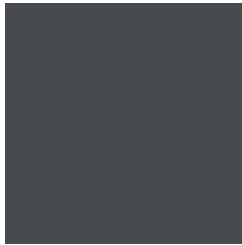
66002C



E60062

Previews

White Background



This preview shows how the Hex color 474A4E looks on a white background.

Color Contrast Check

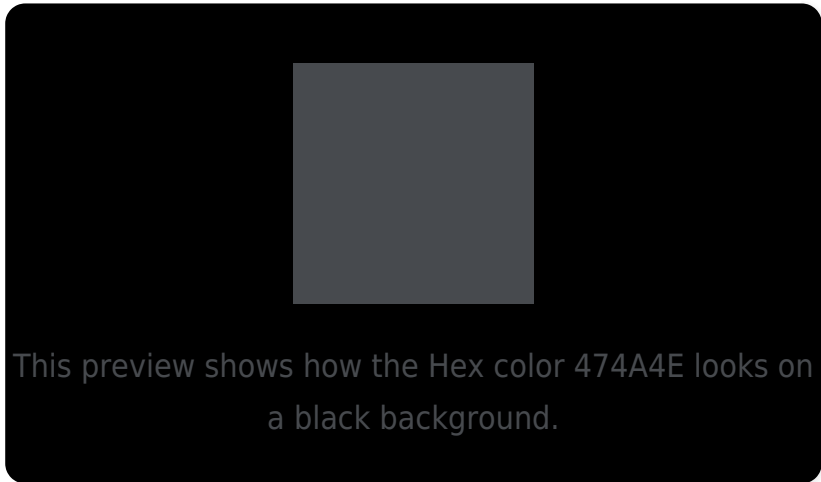
Large Text (above 18pt) WCAG AA ✓ Pass

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

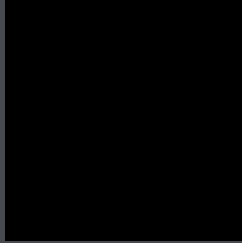
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

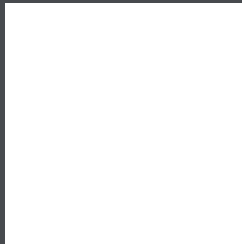
Any Text WCAG AAA × Fail

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

Hex 474A4E Background



This preview shows how black text looks on a background with the Hex color 474A4E.

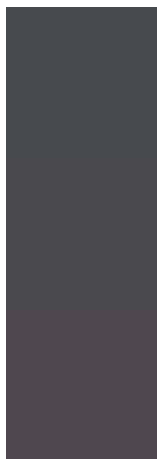


This preview shows how white text looks on a background with the Hex color 474A4E.

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

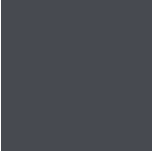
474A4E

Protanopia

4A494E

Deuteranopia

4F474F



Tritanopia
474A50

Trichromacy



Original Color

474A4E

Protanomaly

49494E

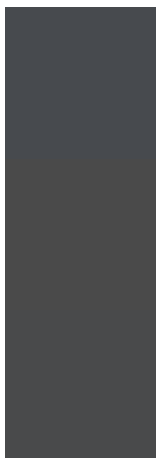
Deuteranomaly

4C484F

Tritanomaly

474A4F

Monochromacy



Original Color

474A4E

Achromatopsia

4A4A4A

Achromatomaly

494A4B

CSS Examples

Text

The CSS property to change the color of the text to Hex 474A4E 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 #474A4E looks like.

```
.text, #text, p{  
    color:#474A4E  
}
```

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 #474A4E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #474A4E
}
```

Border

The CSS property to change the border of an element to Hex 474A4E is called "border". The border property can be set on classes, ids or directly on the HTML element.

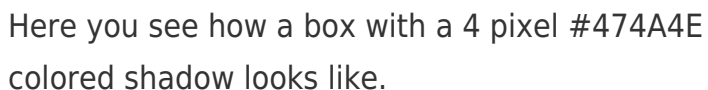
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#474A4E }
```

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

```
.border{ border-color:#474A4E }
```

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



Here you see how a box with a 4 pixel #474A4E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #474A4E; -webkit-box-shadow:4px 4px  
4px 4px #474A4E; box-shadow:4px 4px 4px  
4px #474A4E }
```

Background

The CSS property to change the background color of an element to Hex 474A4E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#474A4E }
```

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

```
.background{ background-color:#474A4E }
```

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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