

Converting Colors

Hex(474A4A)

Have a look what the booklet for
Hex(474A4A) contains.

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Color

Hex(474A4A)

Conversions

Conversions Part 1

Format	Color
Hex	474A4A
RGB	71, 74, 74
RGB Percent	28%, 29%, 29%
CMY	0.7216, 0.7098, 0.7098
CMYK	0.04, 0.00, 0.00, 0.71
HSL	180°, 2%, 28%
HSV	180°, 4%, 29%
XYZ	6.2833, 6.7316, 7.4467
YIQ	73.1030, -1.7880, -0.6360

Conversions

Conversions Part 2

Format	Color
RYB	71, 73, 74
Decimal	4672074
CIELab	31.19, -1.22, -0.43
CIElCh	31, 1.298, 199.413
Yxy	6.7316, 0.3071, 0.3290
Android (android.graphics.Color)	4282862154 (0xFF474A4A)
YUV	73.1030, 0.4422, -1.8443
Hunter-Lab	25.9453, -2.1756, 1.1445

Details

The Hex color **474A4A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4A4747**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **777B7B**, and **1C1E1E** is the 20% darker color. If you saturate the color by 10%, you get **404A4A**, and if you desaturate by 10%, it is **4E4A4A**.

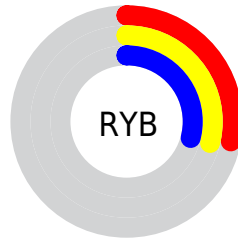
Distribution



Red (28%)

Green (29%)

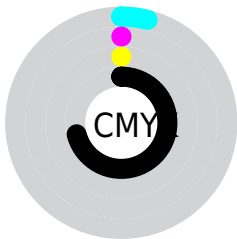
Blue (29%)



Red (28%)

Yellow (29%)

Blue (29%)

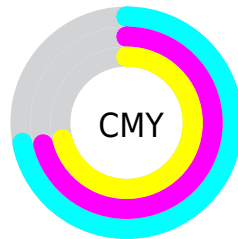


Cyan (4%)

Magenta (0%)

Yellow (0%)

Black (71%)



Cyan (72%)

Magenta (71%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 474A4A 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 474A4A by changing the saturation by 10% instead.



474A4A



474A4A

FFFFFF



313333



777B7B



1C1E1E



919494



010505



ACAFAF



000000



C7CACA



E3E6E6



474A4A



474A4A



404A4A



4E4A4A



384A4A



564A4A

■ 314A4A

■ 5D4A4A

■ 294A4A

■ 654A4A

■ 224A4A

■ 6C4A4A

■ 1B4A4A

■ 734A4A

■ 134A4A

■ 7B4A4A

■ 0C4A4A

■ 824A4A

■ 044A4A

■ 8A4A4A

Harmonies

Analogous

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



474A49



474A4A



474A4B

Triad

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



474A4A



4A494B



4B4947

Complementary

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



474A4A



4A4747

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.



4B4948



474A4A



4B494A

Square

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



474A4A



49494B



4C4949



4A4A47

Rectangle

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



474A4A



484A4B



4C4949



4B4948

Sweetspot

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



474A4A



606161



474A47



303030



B0B0B0

Same Dimension

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



474A4A



5C6161



47494A



242626



006666



00E6E6

Inverse Universe

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



4A474A



615C61



4A4947



262426



660066



E600E6

Previews

White Background



This preview shows how the Hex color 474A4A looks on a white background.

Color Contrast Check

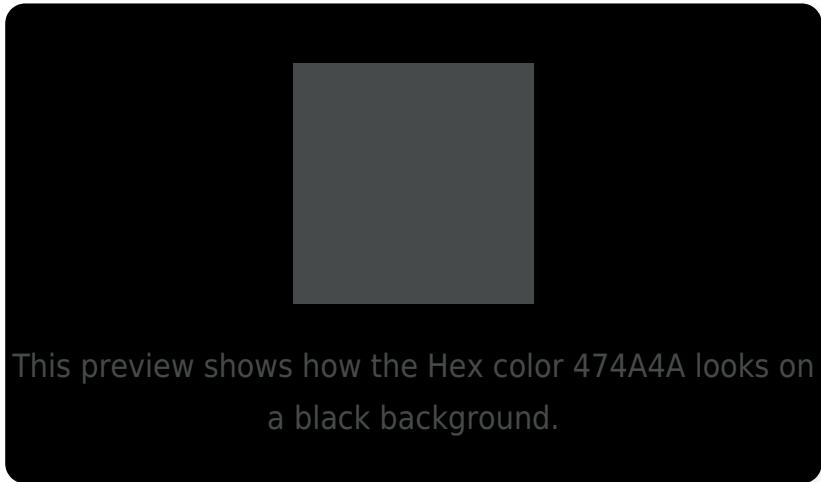
Large Text (above 18pt) WCAG AA ✓ Pass

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

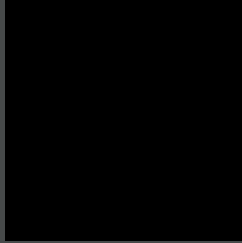
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

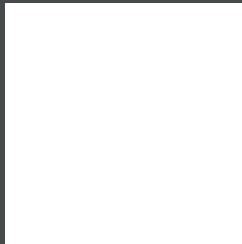
Any Text WCAG AAA × Fail

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

Hex 474A4A Background



This preview shows how black text looks on a background with the Hex color 474A4A.

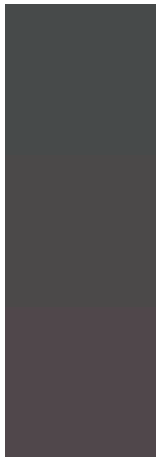


This preview shows how white text looks on a background with the Hex color 474A4A.

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](#).

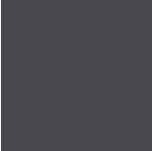
Dichromacy



Original Color
474A4A

Protanopia
4B4949

Deuteranopia
50474B



Tritanopia
48494F

Trichromacy



Original Color

474A4A

Protanomaly

4A4949

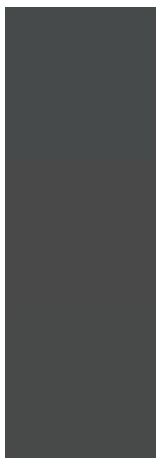
Deuteranomaly

4D484B

Tritanomaly

48494D

Monochromacy



Original Color

474A4A

Achromatopsia

494949

Achromatomaly

484949

CSS Examples

Text

The CSS property to change the color of the text to Hex 474A4A 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 #474A4A looks like.

```
.text, #text, p{  
    color:#474A4A  
}
```

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 #474A4A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #474A4A
}
```

Border

The CSS property to change the border of an element to Hex 474A4A is called "border". The border property can be set on classes, ids or directly on the HTML element.

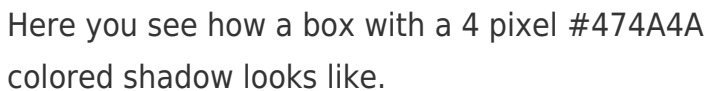
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#474A4A }
```

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

```
.border{ border-color:#474A4A }
```

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



Here you see how a box with a 4 pixel #474A4A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #474A4A; -webkit-box-shadow:4px 4px  
4px 4px #474A4A; box-shadow:4px 4px 4px  
4px #474A4A }
```

Background

The CSS property to change the background color of an element to Hex 474A4A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#474A4A }
```

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

```
.background{ background-color:#474A4A }
```

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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