

Converting Colors

Hex(474B47)

Have a look what the booklet for
Hex(474B47) contains.

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Color

Hex(474B47)

Conversions

Conversions Part 1

Format	Color
Hex	474B47
RGB	71, 75, 71
RGB Percent	28%, 29%, 28%
CMY	0.7216, 0.7059, 0.7216
CMYK	0.05, 0.00, 0.05, 0.71
HSL	120°, 3%, 29%
HSV	120°, 5%, 29%
XYZ	6.2519, 6.8267, 6.9494
YIQ	73.3480, -1.1000, -2.0920

Conversions

Conversions Part 2

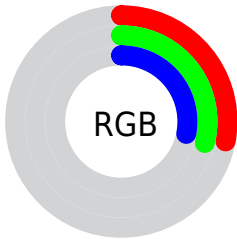
Format	Color
R_{YB}	71, 75, 75
Decimal	4672327
CIE Lab	31.41, -2.51, 1.81
CIE LCh	31, 3.100, 144.212
Yxy	6.8267, 0.3122, 0.3409
Android (android.graphics.Color)	4282862407 (0xFF474B47)
YUV	73.3480, -1.1576, -2.0592
Hunter-Lab	26.1279, -3.0120, 2.5198

Details

The Hex color **474B47** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4B474B**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **777C77**, and **1C1F1C** is the 20% darker color. If you saturate the color by 10%, you get **404B40**, and if you desaturate by 10%, it is **4F4B4F**.

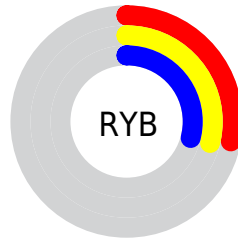
Distribution



Red (28%)

Green (29%)

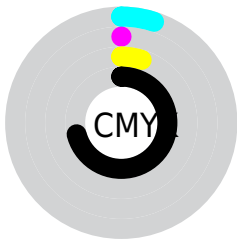
Blue (28%)



Red (28%)

Yellow (29%)

Blue (29%)

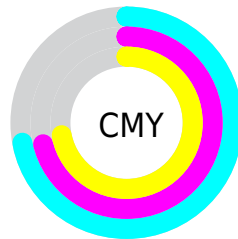


Cyan (5%)

Magenta (0%)

Yellow (5%)

Black (71%)



Cyan (72%)

Magenta (71%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 474B47 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 474B47 by changing the saturation by 10% instead.

■ 474B47

■ 474B47

FFFFFF

■ 313431

■ 777C77

■ 1C1F1C

■ 919691

■ 010701

■ ACB0AB

■ 000000

■ C7CCC7

■ E3E8E3

■ 474B47

■ 474B47

■ 404B40

■ 4F4B4F

■ 384B38

■ 564B56

■ 314B31

■ 5E4B5E

■ 294B29

■ 654B65

■ 224B22

■ 6D4B6D

■ 1A4B1A

■ 744B74

■ 134B13

■ 7C4B7C

■ 0B4B0B

■ 834B83

■ 044B04

■ 8B4B8B

Harmonies

Analogous

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



4A4A45



474B47



454B49

Triad

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



474B47



474A4F



4F4848

Complementary

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



474B47



4B474B

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.



4F484A



474B47



4A494E

Square

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



474B47



454B4E



4D494D



4F4946

Rectangle

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



474B47



444B4B



4D494D



4F4849

Sweetspot

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



474B47



5F615F



4B4B47



2F302F



B0B0B0



303030

Same Dimension

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



474B47



5B615B



474B49



242624



006600



00E600

Inverse Universe

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



4B474B



615B61



4B4749



262426



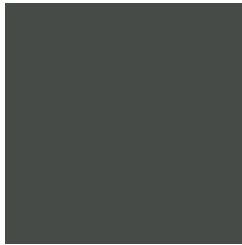
660066



E600E6

Previews

White Background



This preview shows how the Hex color 474B47 looks on a white background.

Color Contrast Check

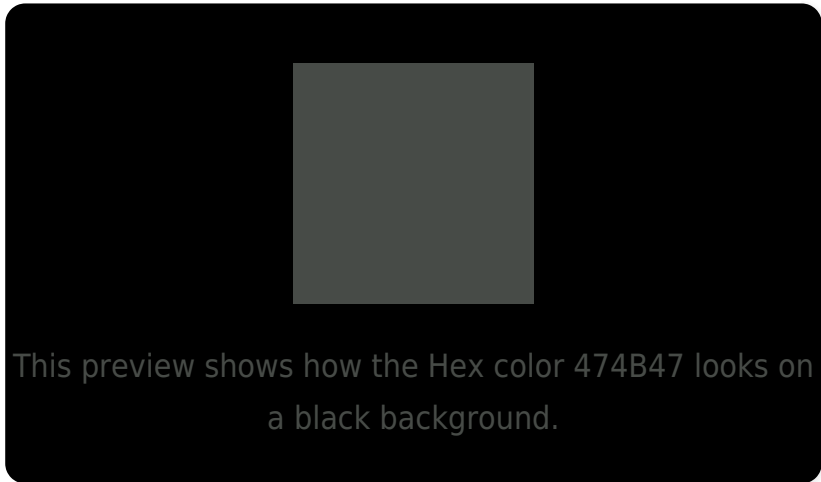
Large Text (above 18pt) WCAG AA ✓ Pass

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

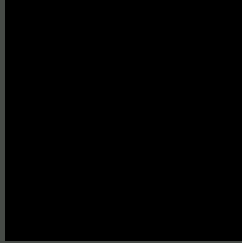
Any Text WCAG AA × Fail

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 474B47 Background



This preview shows how black text looks on a background with the Hex color 474B47.



This preview shows how white text looks on a background with the Hex color 474B47.

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](#).

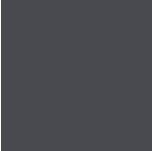
Dichromacy



Original Color
474B47

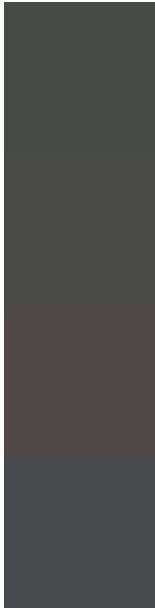
Protanopia
4C4A46

Deuteranopia
524748



Tritanopia
484A50

Trichromacy



Original Color

474B47

Protanomaly

4A4A46

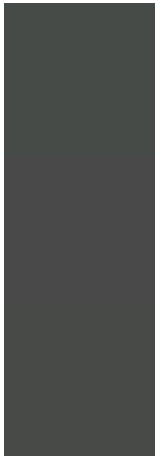
Deuteranomaly

4E4848

Tritanomaly

484A4D

Monochromacy



Original Color

474B47

Achromatopsia

494949

Achromatomaly

484A48

CSS Examples

Text

The CSS property to change the color of the text to Hex 474B47 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 #474B47 looks like.

```
.text, #text, p{  
    color:#474B47  
}
```

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 #474B47 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #474B47
}
```

Border

The CSS property to change the border of an element to Hex 474B47 is called "border". The border property can be set on classes, ids or directly on the HTML element.

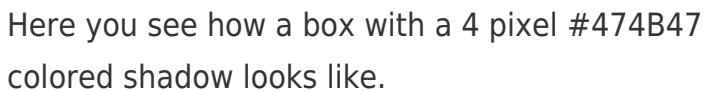
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#474B47 }
```

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

```
.border{ border-color:#474B47 }
```

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 dark blue color (#474B47) and is applied to the bottom and right sides of the box.

Here you see how a box with a 4 pixel #474B47 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #474B47; -webkit-box-shadow:4px 4px  
4px 4px #474B47; box-shadow:4px 4px 4px  
4px #474B47 }
```

Background

The CSS property to change the background color of an element to Hex 474B47 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#474B47 }
```

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

```
.background{ background-color:#474B47 }
```

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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