

Converting Colors

Hex(48474A)

Have a look what the booklet for
Hex(48474A) contains.

| | |
|--|----|
| Hex(48474A) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 22 |
| <i>Color Blindness Simulation</i> | 25 |
| <i>CSS Examples</i> | 28 |

Color

Hex(48474A)

Conversions

Conversions Part 1

| Format | Color |
|---------------|--------------------------|
| Hex | 48474A |
| RGB | 72, 71, 74 |
| RGB Percent | 28%, 28%, 29% |
| CMY | 0.7176, 0.7216, 0.7098 |
| CMYK | 0.03, 0.04, 0.00, 0.71 |
| HSL | 260°, 2%, 28% |
| HSV | 260°, 4%, 29% |
| XYZ | 6.1618, 6.3786, 7.3850 |
| YIQ | 71.6410, -0.3670, 1.1450 |

Conversions

Conversions Part 2

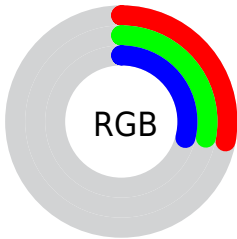
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 72, 71, 74 |
| Decimal | 4736842 |
| CIE Lab | 30.35, 1.08, -1.65 |
| CIE LCh | 30, 1.975, 303.229 |
| Yxy | 6.3786, 0.3092, 0.3201 |
| Android (android.graphics.Color) | 4282926922 (0xFF48474A) |
| YUV | 71.6410, 1.1630, 0.3148 |
| Hunter-Lab | 25.2559, -0.6487, 0.3423 |

Details

The Hex color **48474A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **494A47**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **78777B**, and **1D1C1E** is the 20% darker color. If you saturate the color by 10%, you get **43404A**, and if you desaturate by 10%, it is **4D4E4A**.

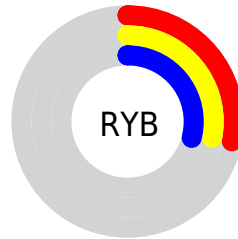
Distribution



 Red (28%)

 Green (28%)

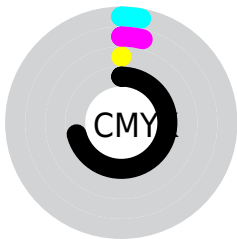
 Blue (29%)



 Red (28%)

 Yellow (28%)

 Blue (29%)

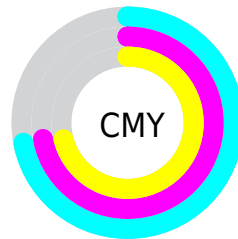



 Cyan (3%)


 Magenta (4%)

 Yellow (0%)

 Black (71%)



 Cyan (72%)

 Magenta (72%)

 Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 48474A 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 48474A by changing the saturation by 10% instead.



48474A



48474A

FFFFFF



323133



78777B



1D1C1E



929194



020105



ADABAF



000000



C8C7CA



E4E3E6



48474A



48474A



43404A



4D4E4A



3E384A



52564A

■ 39314A

■ 575D4A

■ 34294A

■ 5C654A

■ 2F224A

■ 616C4A

■ 2A1B4A

■ 66734A

■ 25134A

■ 6B7B4A

■ 210C4A

■ 6F824A

■ 1C044A

■ 748A4A

Harmonies

Analogous

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



46484A



48474A



4A4749

Triad

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



48474A



4A4745



444848

Complementary

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



48474A



494A47

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.



454846



48474A



494744

Square

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



48474A



4B4746



474845



444849

Rectangle

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



48474A



4A4648



474845



444847

Sweetspot

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



48474A



606061



47494A



303030



B0B0B0

Same Dimension

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



48474A



5E5C61



49474A



252426



220066



4C00E6

Inverse Universe

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



4A4749



615C5F



484A47



262425



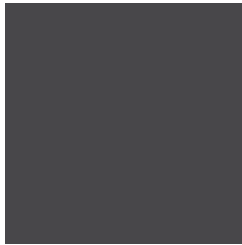
660044



E60099

Previews

White Background



This preview shows how the Hex color 48474A looks on a white background.

Color Contrast Check

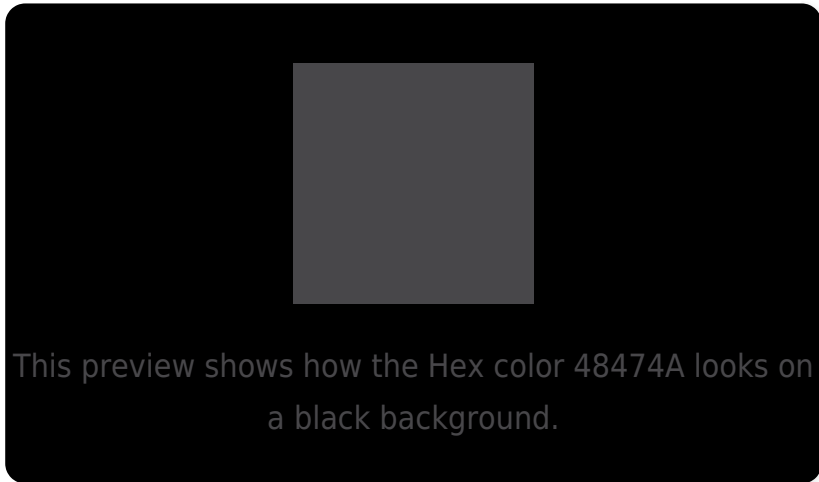
Large Text (above 18pt) WCAG AA ✓ Pass

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

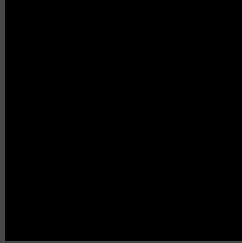
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

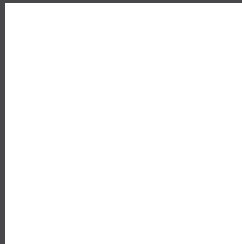
Any Text WCAG AAA × Fail

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

Hex 48474A Background



This preview shows how black text looks on a background with the Hex color 48474A.



This preview shows how white text looks on a background with the Hex color 48474A.

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
48474A

Protanopia
48474A

Deuteranopia
4D454A



Tritanopia
48474C

Trichromacy



Original Color

48474A

Protanomaly

48474A

Deuteranomaly

4B464A

Tritanomaly

48474B

Monochromacy



Original Color

48474A

Achromatopsia

484848

Achromatomaly

484849

CSS Examples

Text

The CSS property to change the color of the text to Hex 48474A 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 #48474A looks like.

```
.text, #text, p{  
    color:#48474A  
}
```

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 #48474A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #48474A
}
```

Border

The CSS property to change the border of an element to Hex 48474A is called "border". The border property can be set on classes, ids or directly on the HTML element.

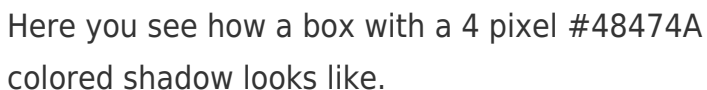
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#48474A }
```

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

```
.border{ border-color:#48474A }
```

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 #48474A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #48474A; -webkit-box-shadow:4px 4px  
4px 4px #48474A; box-shadow:4px 4px 4px  
4px #48474A }
```

Background

The CSS property to change the background color of an element to Hex 48474A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#48474A }
```

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

```
.background{ background-color:#48474A }
```

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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