

Converting Colors

Hex(4B474F)

Have a look what the booklet for
Hex(4B474F) contains.

Hex(4B474F)	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(4B474F)

Conversions

Conversions Part 1

Format	Color
Hex	4B474F
RGB	75, 71, 79
RGB Percent	29%, 28%, 31%
CMY	0.7059, 0.7216, 0.6902
CMYK	0.05, 0.10, 0.00, 0.69
HSL	270°, 5%, 29%
HSV	270°, 10%, 31%
XYZ	6.5662, 6.5668, 8.3186
YIQ	73.1080, -0.1840, 3.3360

Conversions

Conversions Part 2

Format	Color
R_{YB}	75, 71, 79
Decimal	4933455
CIE Lab	30.80, 3.44, -4.18
CIE LCh	31, 5.409, 309.467
Yxy	6.5668, 0.3061, 0.3061
Android (android.graphics.Color)	4283123535 (0xFF4B474F)
YUV	73.1080, 2.9048, 1.6593
Hunter-Lab	25.6259, 0.8922, -1.3084

Details

The Hex color **4B474F** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4B4F47**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **7C7780**, and **1F1C23** is the 20% darker color. If you saturate the color by 10%, you get **473F4F**, and if you desaturate by 10%, it is **4F4F4F**.

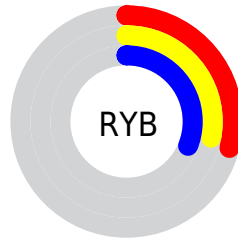
Distribution



Red (29%)

Green (28%)

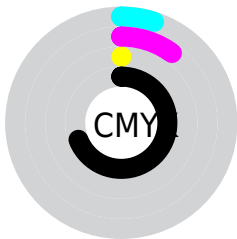
Blue (31%)



Red (29%)

Yellow (28%)

Blue (31%)

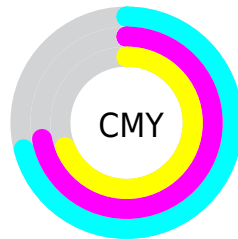


Cyan (5%)

Magenta (10%)

Yellow (0%)

Black (69%)



Cyan (71%)

Magenta (72%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4B474F 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 4B474F by changing the saturation by 10% instead.



4B474F



4B474F

FFFFFF



343138



7C7780



1F1C23



96919A



07010D



B0ACB5



000000



CCC7D0



E8E3ED



4B474F



4B474F



473F4F



4F4F4F



43374F



53574F

■ 3F2F4F

■ 575F4F

■ 3B274F

■ 5B674F

■ 37204F

■ 5F6E4F

■ 33184F

■ 63764F

■ 2F104F

■ 677E4F

■ 2B084F

■ 6B864F

■ 28004F

■ 6F8E4F

Harmonies

Analogous

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



464851



4B474F



4F464C

Triad

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



4B474F



4F4741



3E4B4A

Complementary

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



4B474F



4B4F47

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.



414B45



4B474F



4B4940

Square

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



4B474F



514643



464A42



3E4B4E

Rectangle

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



4B474F



514649



464A42



3F4B48

Sweetspot

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



4B474F



646366



474B4F



323133



B3B3B3



333333

Same Dimension

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



4B474F



605A66



4F474F



242226



330066



7300E6

Inverse Universe

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



4F474B



665A60



474F47



262224



660033



E60073

Previews

White Background



This preview shows how the Hex color 4B474F looks on a white background.

Color Contrast Check

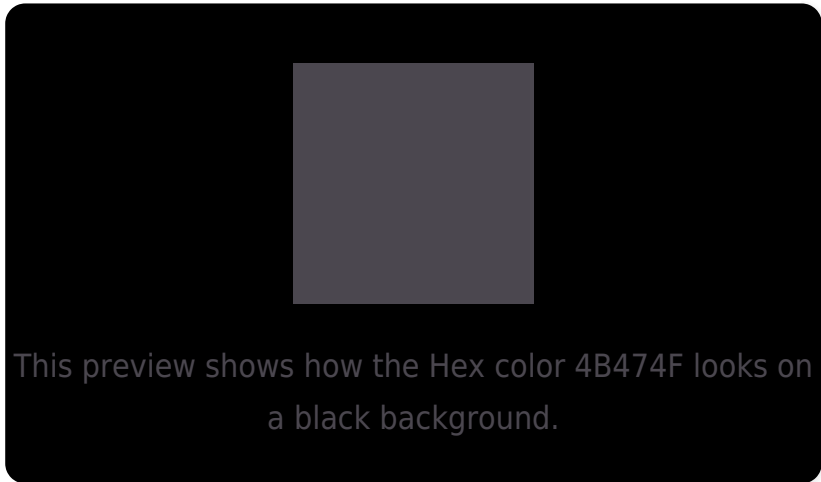
Large Text (above 18pt) WCAG AA ✓ Pass

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

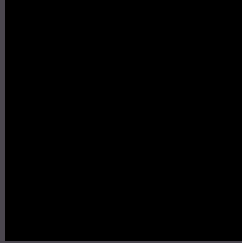
Any Text WCAG AA × Fail

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 4B474F Background



This preview shows how black text looks on a background with the Hex color 4B474F.



This preview shows how white text looks on a background with the Hex color 4B474F.

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


4B474F

Protanopia

484850

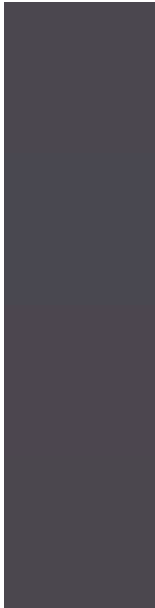
Deuteranopia

4C464F



Tritanopia
4B474D

Trichromacy



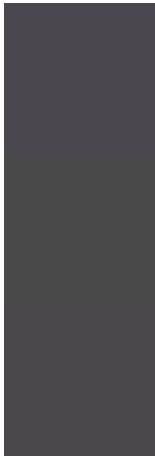
Original Color
4B474F

Protanomaly
494850

Deuteranomaly
4C464F

Tritanomaly
4B474E

Monochromacy



Original Color
4B474F

Achromatopsia
494949

Achromatomaly
4A484B

CSS Examples

Text

The CSS property to change the color of the text to Hex 4B474F 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 #4B474F looks like.

```
.text, #text, p{  
    color:#4B474F  
}
```

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 #4B474F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B474F
}
```

Border

The CSS property to change the border of an element to Hex 4B474F is called "border". The border property can be set on classes, ids or directly on the HTML element.

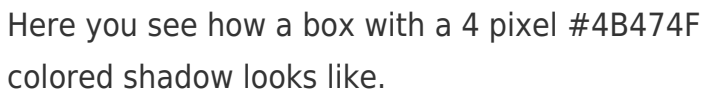
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4B474F }
```

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

```
.border{ border-color:#4B474F }
```

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



Here you see how a box with a 4 pixel #4B474F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B474F; -webkit-box-shadow:4px 4px  
4px 4px #4B474F; box-shadow:4px 4px 4px  
4px #4B474F }
```

Background

The CSS property to change the background color of an element to Hex 4B474F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B474F }
```

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

```
.background{ background-color:#4B474F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor