

Converting Colors

Hex(4D474E)

Have a look what the booklet for
Hex(4D474E) contains.

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Color

Hex(4D474E)

Conversions

Conversions Part 1

Format	Color
Hex	4D474E
RGB	77, 71, 78
RGB Percent	30%, 28%, 31%
CMY	0.6980, 0.7216, 0.6941
CMYK	0.01, 0.09, 0.00, 0.69
HSL	291°, 5%, 29%
HSV	291°, 9%, 31%
XYZ	6.6890, 6.6343, 8.1357
YIQ	73.5920, 1.3290, 3.4490

Conversions

Conversions Part 2

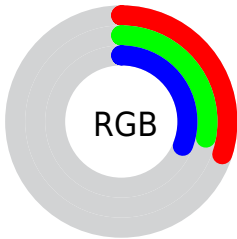
Format	Color
R_{YB}	77, 71, 78
Decimal	5064526
CIE _{Lab}	30.96, 4.02, -3.27
CIE _{LCh}	31, 5.184, 320.845
Yxy	6.6343, 0.3117, 0.3092
Android (android.graphics.Color)	4283254606 (0xFF4D474E)
YUV	73.5920, 2.1731, 2.9888
Hunter-Lab	25.7572, 1.2801, -0.6975

Details

The Hex color **4D474E** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **484E47**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **7E777F**, and **211C22** is the 20% darker color. If you saturate the color by 10%, you get **4C3F4E**, and if you desaturate by 10%, it is **4E4F4E**.

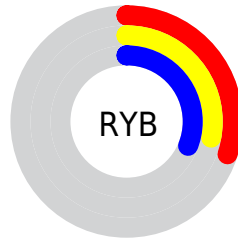
Distribution



Red (30%)

Green (28%)

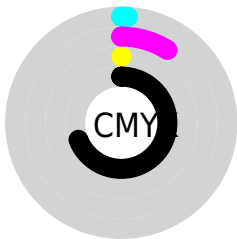
Blue (31%)



Red (30%)

Yellow (28%)

Blue (31%)

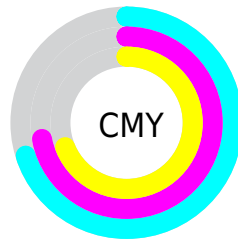


Cyan (1%)

Magenta (9%)

Yellow (0%)

Black (69%)



Cyan (70%)

Magenta (72%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D474E 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 4D474E by changing the saturation by 10% instead.



4D474E



4D474E

FFFFFF



363137



7E777F



211C22



989199



0A010C



B3ACB4



000000



CEC7CF



EAE3EB



4D474E



4D474E



4C3F4E



4E4F4E



4B374E



4F574E

■ 4A304E

■ 505E4E

■ 49284E

■ 51664E

■ 47204E

■ 536E4E

■ 46184E

■ 54764E

■ 45104E

■ 557E4E

■ 44094E

■ 56854E

■ 43014E

■ 578D4E

Harmonies

Analogous

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



484850



4D474E



50464A

Triad

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



4D474E



4E4841



3F4B4C

Complementary

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



4D474E



484E47

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.



414B47



4D474E



494941

Square

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



4D474E



514743



444B44



404B4F

Rectangle

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



4D474E



524647



444B44



3F4B4A

Sweetspot

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



4D474E



666366



47484E



333133



B3B3B3



333333

Same Dimension

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



4D474E



645B66



4E474C



262226



570066



C500E6

Inverse Universe

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



4E4748



665B5C



474E49



262223



66000F



E60021

Previews

White Background



This preview shows how the Hex color 4D474E looks on a white background.

Color Contrast Check

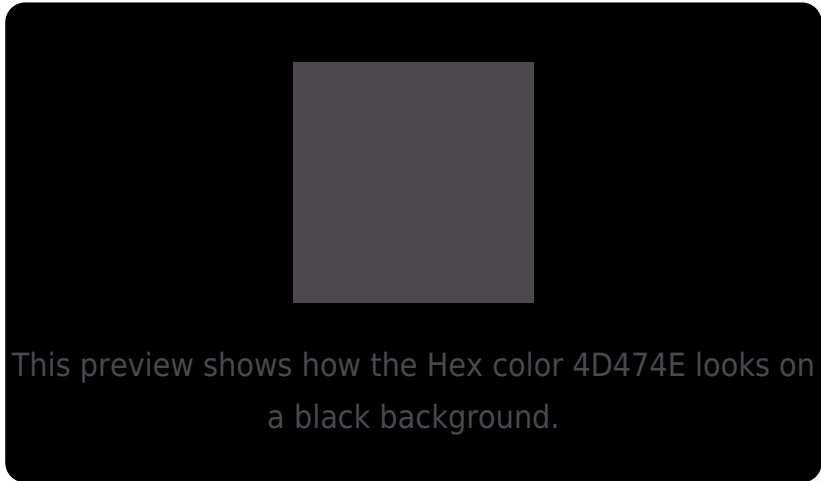
Large Text (above 18pt) WCAG AA ✓ Pass

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

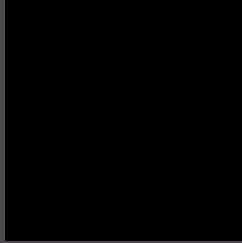
Any Text WCAG AA × Fail

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 4D474E Background



This preview shows how black text looks on a background with the Hex color 4D474E.

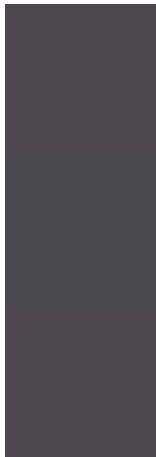


This preview shows how white text looks on a background with the Hex color 4D474E.

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
4D474E

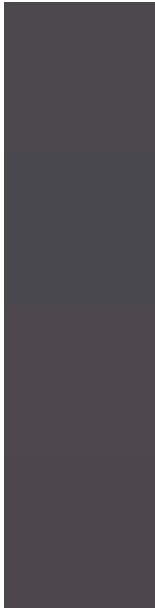
Protanopia
48484F

Deuteranopia
4E474E



Tritanopia
4D474D

Trichromacy



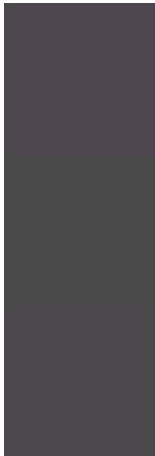
Original Color
4D474E

Protanomaly
4A484F

Deuteranomaly
4E474E

Tritanomaly
4D474D

Monochromacy



Original Color
4D474E

Achromatopsia
4A4A4A

Achromatomaly
4B494B

CSS Examples

Text

The CSS property to change the color of the text to Hex 4D474E 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 #4D474E looks like.

```
.text, #text, p{  
    color:#4D474E  
}
```

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 #4D474E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D474E
}
```

Border

The CSS property to change the border of an element to Hex 4D474E is called "border". The border property can be set on classes, ids or directly on the HTML element.

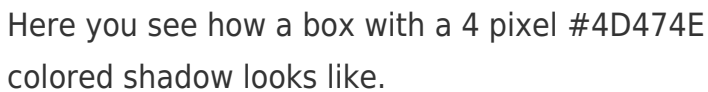
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4D474E }
```

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

```
.border{ border-color:#4D474E }
```

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



Here you see how a box with a 4 pixel #4D474E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D474E; -webkit-box-shadow:4px 4px  
4px 4px #4D474E; box-shadow:4px 4px 4px  
4px #4D474E }
```

Background

The CSS property to change the background color of an element to Hex 4D474E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D474E }
```

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

```
.background{ background-color:#4D474E }
```

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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