

# Converting Colors

Hex(4C474D)

Have a look what the booklet for  
Hex(4C474D) contains.

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# Color

Hex(4C474D)

# Conversions

## Conversions Part 1

Format	Color
Hex	4C474D
RGB	76, 71, 77
RGB Percent	30%, 28%, 30%
CMY	0.7020, 0.7216, 0.6980
CMYK	0.01, 0.08, 0.00, 0.70
HSL	290°, 4%, 29%
HSV	290°, 8%, 30%
XYZ	6.5733, 6.5788, 7.9446
YIQ	73.1790, 1.0540, 2.9260

# Conversions

## Conversions Part 2

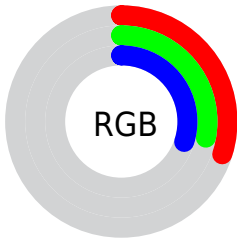
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	76, 71, 77
Decimal	4998989
CIE <sub>Lab</sub>	30.83, 3.39, -2.83
CIE <sub>LCh</sub>	31, 4.419, 320.091
Yxy	6.5788, 0.3116, 0.3118
Android (android.graphics.Color)	4283189069 (0xFF4C474D)
YUV	73.1790, 1.8838, 2.4740
Hunter-Lab	25.6492, 0.8593, -0.4100




# Details

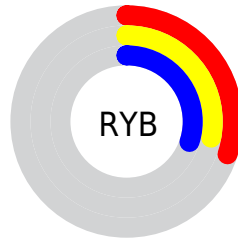
The Hex color **4C474D** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **484D47**, and the grayscale version is **494949**.



A 20% lighter version of the original color is **7D777E**, and **201C21** is the 20% darker color. If you saturate the color by 10%, you get **4B3F4D**, and if you desaturate by 10%, it is **4D4F4D**.

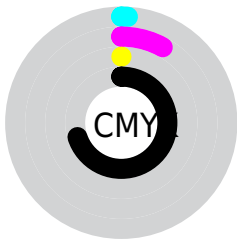
# Distribution







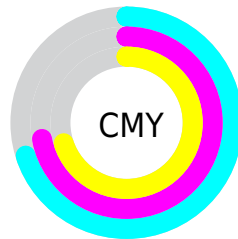
-  Red (30%)
-  Green (28%)
-  Blue (30%)






-  Red (30%)
-  Yellow (28%)
-  Blue (30%)



-  Cyan (1%)
-  Magenta (8%)
-  Yellow (0%)
-  Black (70%)



-  Cyan (70%)
-  Magenta (72%)
-  Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4C474D 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 4C474D by changing the saturation by 10% instead.





4C474D



4C474D

FFFFFF



353136



7D777E



201C21



979198



09010A



B1ACB2



000000



CDC7CE



E9E3EA



4C474D



4C474D



4B3F4D



4D4F4D



49384D



4F564D

48304D

505E4D

47284D

51664D

46214D

526E4D

44194D

54754D

43114D

557D4D

42094D

56854D

40024D

588C4D

# Harmonies

## Analogous

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



48484F



4C474D



4F464A

# Triad

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



4C474D



4D4842



404B4B

# Complementary

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



4C474D



484D47

# 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.



424B47



4C474D



494942

# Square

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



4C474D



4F4743



454A44



414A4E

# Rectangle

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



4C474D



504647



454A44



404B4A



# Sweetspot

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



4C474D



636163



47484D



333233



B3B3B3



333333



# Same Dimension

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



4C474D



625A63



4D474B



262226



550066



BF00E6



# Inverse Universe

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



4D4748



635A5C



474D49



262223



660011



E60026



# Previews

## White Background



This preview shows how the Hex color 4C474D looks on a white background.

## Color Contrast Check

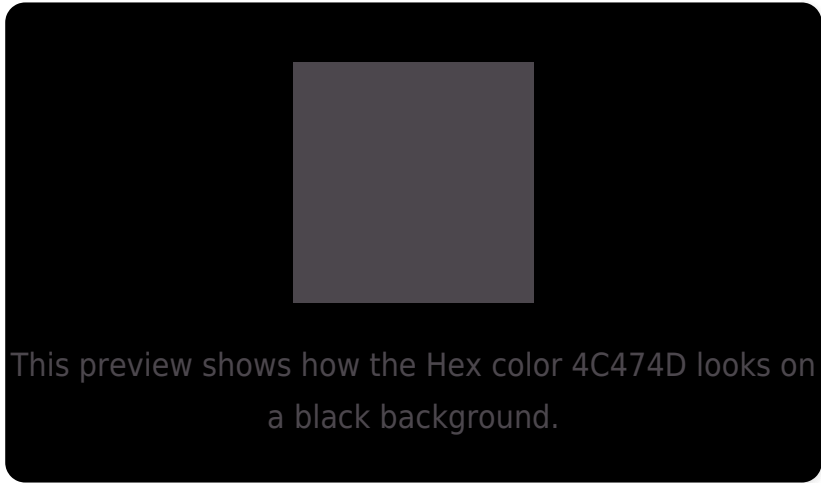
Large Text (above 18pt) WCAG AA ✓ Pass

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

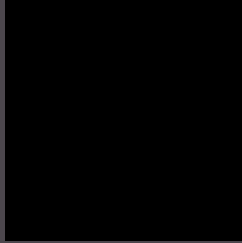
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4C474D Background



This preview shows how black text looks on a background with the Hex color 4C474D.

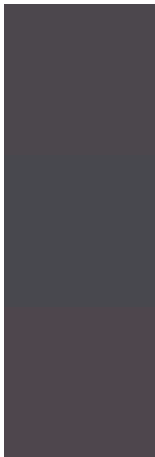


This preview shows how white text looks on a background with the Hex color 4C474D.

# 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**  
4C474D

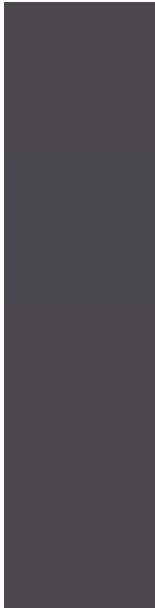
**Protanopia**  
48484E

**Deuteranopia**  
4E464D



**Tritanopia**  
4C474D

# Trichromacy



**Original Color**

4C474D

**Protanomaly**

49484E

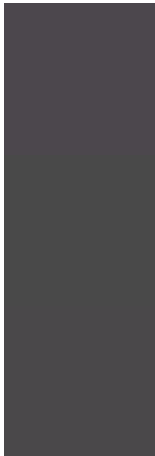
**Deuteranomaly**

4D464D

**Tritanomaly**

4C474D

# Monochromacy



**Original Color**

4C474D

**Achromatopsia**

494949

**Achromatomaly**

4A484A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4C474D 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 #4C474D looks like.

```
.text, #text, p{  
    color:#4C474D  
}
```

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 #4C474D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4C474D
}
```

## Border

The CSS property to change the border of an element to Hex 4C474D is called "border". The border property can be set on classes, ids or directly on the HTML element.

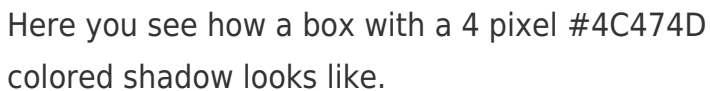
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4C474D }
```

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

```
.border{ border-color:#4C474D }
```

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



Here you see how a box with a 4 pixel #4C474D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4C474D; -webkit-box-shadow:4px 4px  
4px 4px #4C474D; box-shadow:4px 4px 4px  
4px #4C474D }
```

# Background

The CSS property to change the background color of an element to Hex 4C474D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4C474D }
```

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

```
.background{ background-color:#4C474D }
```

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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