

# Converting Colors

Hex(474852)

Have a look what the booklet for  
Hex(474852) contains.

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# Color

Hex(474852)

# Conversions

## Conversions Part 1

Format	Color
Hex	474852
RGB	71, 72, 82
RGB Percent	28%, 28%, 32%
CMY	0.7216, 0.7176, 0.6784
CMYK	0.13, 0.12, 0.00, 0.68
HSL	235°, 7%, 30%
HSV	235°, 13%, 32%
XYZ	6.4389, 6.5835, 8.9140
YIQ	72.8410, -3.8060, 2.8980

# Conversions

## Conversions Part 2

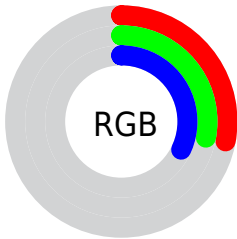
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	71, 72, 82
Decimal	4671570
CIE Lab	30.84, 1.93, -6.09
CIE LCh	31, 6.385, 287.621
Yxy	6.5835, 0.2935, 0.3001
Android (android.graphics.Color)	4282861650 (0xFF474852)
YUV	72.8410, 4.5154, -1.6146
Hunter-Lab	25.6584, -0.1081, -2.6372

# Details

The Hex color **474852** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **525147**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **777883**, and **1C1D25** is the 20% darker color. If you saturate the color by 10%, you get **3F4152**, and if you desaturate by 10%, it is **4F4F52**.

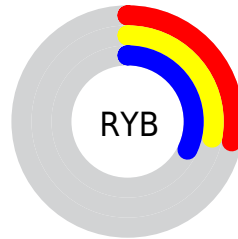
# Distribution



Red (28%)

Green (28%)

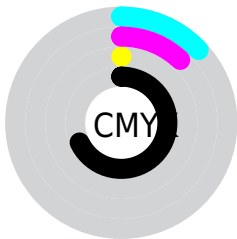
Blue (32%)



Red (28%)

Yellow (28%)

Blue (32%)

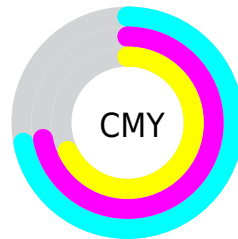


Cyan (13%)

Magenta (12%)

Yellow (0%)

Black (68%)



Cyan (72%)

Magenta (72%)

Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 474852 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 474852 by changing the saturation by 10% instead.



■ 474852

■ 474852

FFFFFF

■ 31323B

■ 777883

■ 1C1D25

■ 91929D

■ 010211

■ ACADB8

■ 000000

■ C7C8D4

■ E3E4F0

■ 474852

■ 474852

■ 3F4152

■ 4F4F52

■ 373952

■ 575752

■ 2E3252

■ 605E52

■ 262A52

■ 686652

■ 1E2352

■ 706D52

■ 161B52

■ 787552

■ 0E1452

■ 807C52

■ 050C52

■ 898452

■ 000752

■ 918B52

# Harmonies

## Analogous

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



414A52



474852



4D464F

# Triad

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



474852



524641



3F4B46

# Complementary

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



474852



525147

# 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.



444B42



474852



4F483F

# Square

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



474852



534546



4A493F



3C4C4B

# Rectangle

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



474852



50464C



4A493F



404B45



# Sweetspot

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



474852



67676B



475251



333336



B5B5B5



363636



# Same Dimension

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



474852



5A5C6B



4B4752



252529



000A69



0015E8



# Inverse Universe

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



524748



6B5A5C



4E5247



292525



69000A

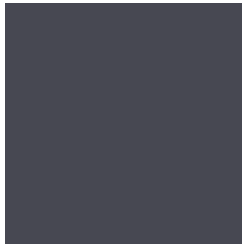


E80015



# Previews

## White Background



This preview shows how the Hex color 474852 looks on a white background.

## Color Contrast Check

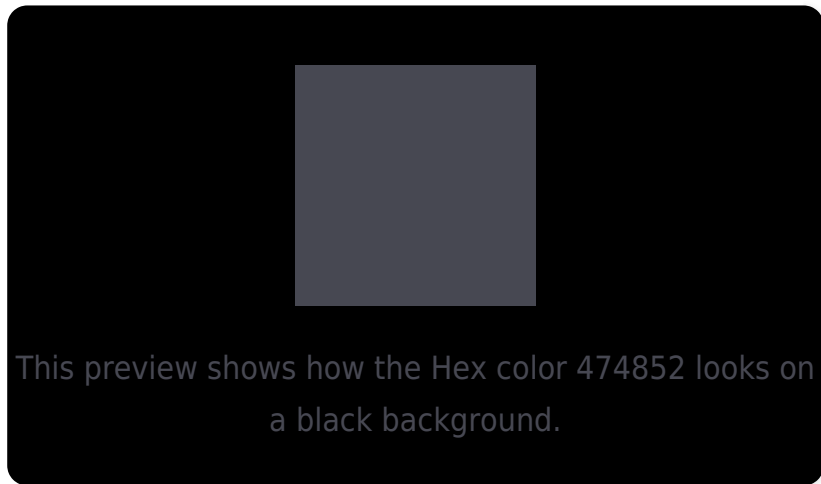
Large Text (above 18pt) WCAG AA ✓ Pass

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

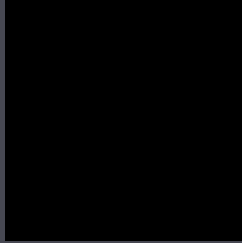
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

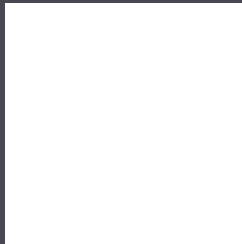
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 474852 Background



This preview shows how black text looks on a background with the Hex color 474852.



This preview shows how white text looks on a background with the Hex color 474852.

# 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](#).

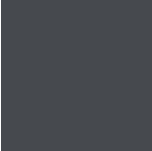
## Dichromacy



**Original Color**  
474852

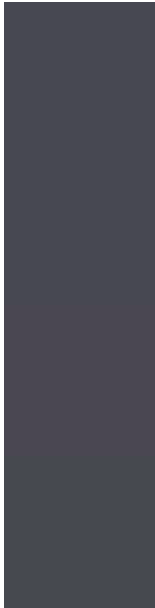
**Protanopia**  
474852

**Deuteranopia**  
4B4752



**Tritanopia**  
46494E

# Trichromacy



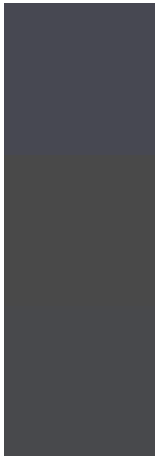
**Original Color**  
474852

**Protanomaly**  
474852

**Deuteranomaly**  
4A4752

**Tritanomaly**  
46494F

# Monochromacy



**Original Color**  
474852

**Achromatopsia**  
494949

**Achromatomaly**  
48494C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 474852 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 #474852 looks like.

```
.text, #text, p{  
  color:#474852  
}
```

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 #474852 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #474852
}
```

## Border

The CSS property to change the border of an element to Hex 474852 is called "border". The border property can be set on classes, ids or directly on the HTML element.

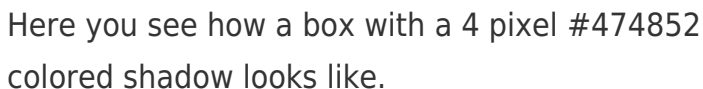
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#474852 }
```

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

```
.border{ border-color:#474852 }
```

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



Here you see how a box with a 4 pixel #474852 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #474852; -webkit-box-shadow:4px 4px  
4px 4px #474852; box-shadow:4px 4px 4px  
4px #474852 }
```

# Background

The CSS property to change the background color of an element to Hex 474852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#474852 }
```

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

```
.background{ background-color:#474852 }
```

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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