

# Converting Colors

Hex(4D444F)

Have a look what the booklet for  
Hex(4D444F) contains.

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# Color

**Hex(4D444F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4D444F
RGB	77, 68, 79
RGB Percent	30%, 27%, 31%
CMY	0.6980, 0.7333, 0.6902
CMYK	0.03, 0.14, 0.00, 0.69
HSL	289°, 7%, 29%
HSV	289°, 14%, 31%
XYZ	6.5390, 6.2765, 8.2640
YIQ	71.9450, 1.8330, 5.3290

# Conversions

## Conversions Part 2

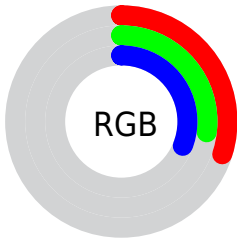
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	77, 68, 79
Decimal	5063759
CIE Lab	30.10, 6.17, -5.20
CIE LCh	30, 8.068, 319.904
Yxy	6.2765, 0.3102, 0.2978
Android (android.graphics.Color)	4283253839 (0xFF4D444F)
<b>YUV</b>	71.9450, 3.4781, 4.4332
Hunter-Lab	25.0530, 2.7467, -2.0203




# Details

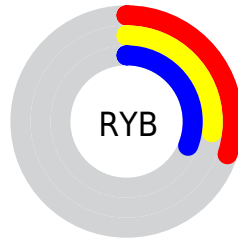
The Hex color **4D444F** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **464F44**, and the grayscale version is **484848**.




A 20% lighter version of the original color is **7E7480**, and **211923** is the 20% darker color. If you saturate the color by 10%, you get **4C3C4F**, and if you desaturate by 10%, it is **4E4C4F**.

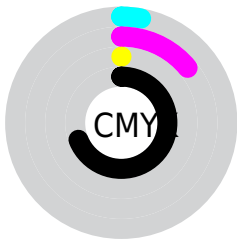
# Distribution







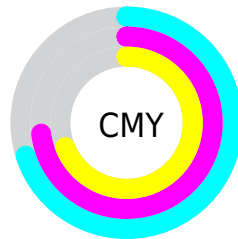
-  Red (30%)
-  Green (27%)
-  Blue (31%)






-  Red (30%)
-  Yellow (27%)
-  Blue (31%)



-  Cyan (3%)
-  Magenta (14%)
-  Yellow (0%)
-  Black (69%)



-  Cyan (70%)
-  Magenta (73%)
-  Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4D444F 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 4D444F by changing the saturation by 10% instead.





4D444F



4D444F

FFFFFF



362E38



7E7480



211923



988E9A



0A000D



B3A8B5



000000



CEC3D0



EAD FED



FFFCFF



4D444F



4D444F



4C3C4F



4E4C4F

■ 4A344F

■ 50544F

■ 492C4F

■ 515C4F

■ 47244F

■ 53644F

■ 461C4F

■ 546C4F

■ 44154F

■ 56734F

■ 430D4F

■ 577B4F

■ 42054F

■ 58834F

■ 41004F

■ 5A8B4F

# Harmonies

## Analogous

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



454653



4D444F



524349

# Triad

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



4D444F



4E463B



374B4B

# Complementary

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



4D444F



464F44

# 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.



3A4A44



4D444F



47483B

# Square

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



4D444F



53443E



40493F



384A50

# Rectangle

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



4D444F



544345



40493F



374B49



# Sweetspot

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



4D444F



656266



44464F



333033



B3B3B3



333333



# Same Dimension

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



4D444F



635566



4F444C



262226



530066



BC00E6



# Inverse Universe

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



4F4446



665558



444F47



262223



660013

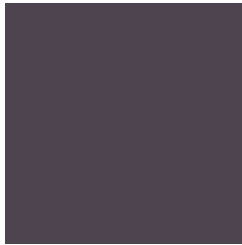


E6002A



# Previews

## White Background



This preview shows how the Hex color 4D444F looks on a white background.

## Color Contrast Check

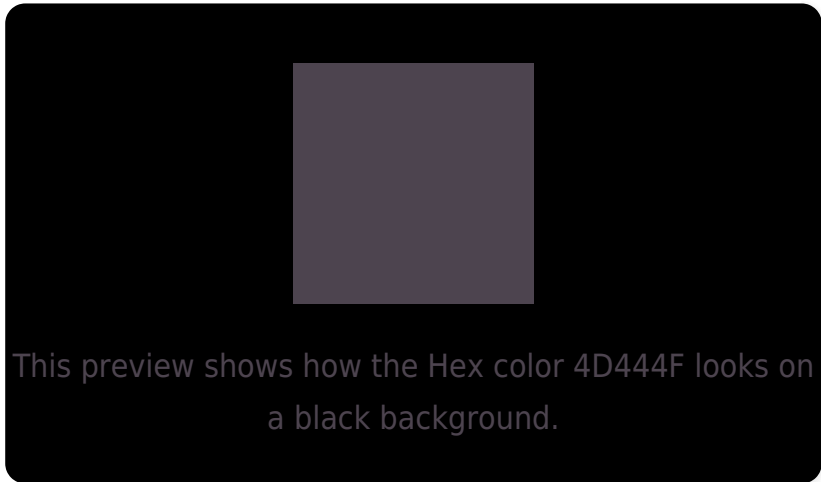
Large Text (above 18pt) WCAG AA ✓ Pass

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

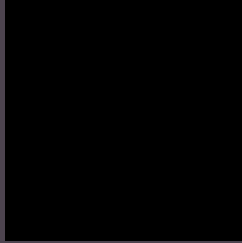
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4D444F Background



This preview shows how black text looks on a background with the Hex color 4D444F.



This preview shows how white text looks on a background with the Hex color 4D444F.

# 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](#).

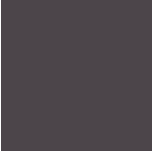
## Dichromacy



**Original Color**  
4D444F

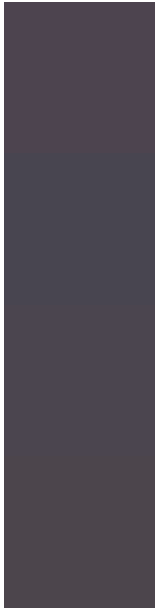
**Protanopia**  
454651

**Deuteranopia**  
4A454F



**Tritanopia**  
4C454A

# Trichromacy



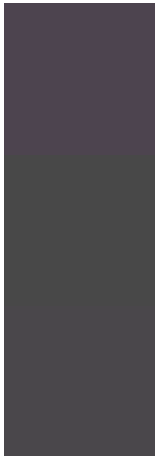
**Original Color**  
4D444F

**Protanomaly**  
484550

**Deuteranomaly**  
4B454F

**Tritanomaly**  
4C454C

# Monochromacy



**Original Color**  
4D444F

**Achromatopsia**  
484848

**Achromatomaly**  
4A474B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4D444F 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 #4D444F looks like.

```
.text, #text, p{  
    color:#4D444F  
}
```

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 #4D444F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D444F
}
```

## Border

The CSS property to change the border of an element to Hex 4D444F is called "border". The border property can be set on classes, ids or directly on the HTML element.

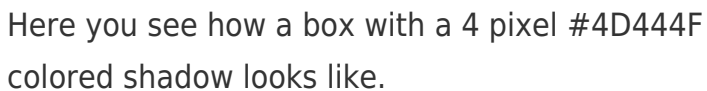
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#4D444F }
```

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

```
.border{ border-color:#4D444F }
```

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



Here you see how a box with a 4 pixel #4D444F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D444F; -webkit-box-shadow:4px 4px  
4px 4px #4D444F; box-shadow:4px 4px 4px  
4px #4D444F }
```

# Background

The CSS property to change the background color of an element to Hex 4D444F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D444F }
```

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

```
.background{ background-color:#4D444F }
```

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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