

# Converting Colors

Hex(47424F)

Have a look what the booklet for  
Hex(47424F) contains.

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# Color

Hex(47424F)

# Conversions

## Conversions Part 1

Format	Color
Hex	47424F
RGB	71, 66, 79
RGB Percent	28%, 26%, 31%
CMY	0.7216, 0.7412, 0.6902
CMYK	0.10, 0.16, 0.00, 0.69
HSL	263°, 9%, 28%
HSV	263°, 16%, 31%
XYZ	5.9580, 5.8005, 8.2027
YIQ	68.9770, -1.1930, 5.1030

# Conversions

## Conversions Part 2

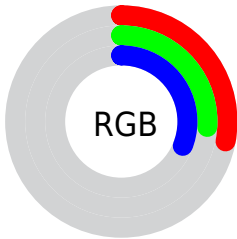
Format	Color
<b>RYB</b>	71, 66, 79
Decimal	4670031
CIELab	28.90, 5.07, -7.05
CIELCh	29, 8.683, 305.732
Yxy	5.8005, 0.2985, 0.2906
Android (android.graphics.Color)	4282860111 (0xFF47424F)
YUV	68.9770, 4.9413, 1.7742
Hunter-Lab	24.0843, 2.0102, -3.3342

# Details

The Hex color **47424F** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4A4F42**, and the grayscale version is **454545**.

A 20% lighter version of the original color is **777280**, and **1C1723** is the 20% darker color. If you saturate the color by 10%, you get **423A4F**, and if you desaturate by 10%, it is **4C4A4F**.

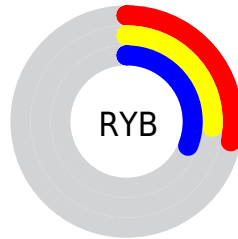
# Distribution



Red (28%)

Green (26%)

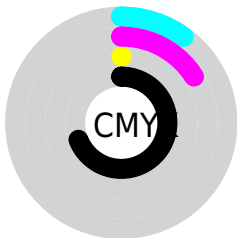
Blue (31%)



Red (28%)

Yellow (26%)

Blue (31%)

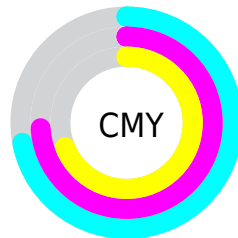


Cyan (10%)

Magenta (16%)

Yellow (0%)

Black (69%)



Cyan (72%)

Magenta (74%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 47424F 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 47424F by changing the saturation by 10% instead.





47424F



47424F

FFFFFF



312C38



777280



1C1723



918B9A



00000C



ACA6B5



000000



C7C1D0



E3DDED



FFF9FF



47424F



47424F



423A4F



4C4A4F

■ 3D324F

■ 51524F

■ 382A4F

■ 565A4F

■ 34224F

■ 5A624F

■ 2F1B4F

■ 5F6A4F

■ 2A134F

■ 64714F

■ 250B4F

■ 69794F

■ 20034F

■ 6E814F

■ 1E004F

■ 73894F

# Harmonies

## Analogous

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



3E4451



47424F



4E404A

# Triad

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



47424F



4E4238



344845

# Complementary

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



47424F



4A4F42

# 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.



39483E



47424F



484437

# Square

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



47424F



52403D



414639



33484C

# Rectangle

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



47424F



514045



414639



354843



# Sweetspot

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



47424F



636166



424A4F



313033



B3B3B3



333333



# Same Dimension

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



47424F



595266



4D424F



242226



270066



5800E6



# Inverse Universe

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



4F424A



66525E



444F42



262225



66003F



E6008D



# Previews

## White Background



This preview shows how the Hex color 47424F looks on a white background.

## Color Contrast Check

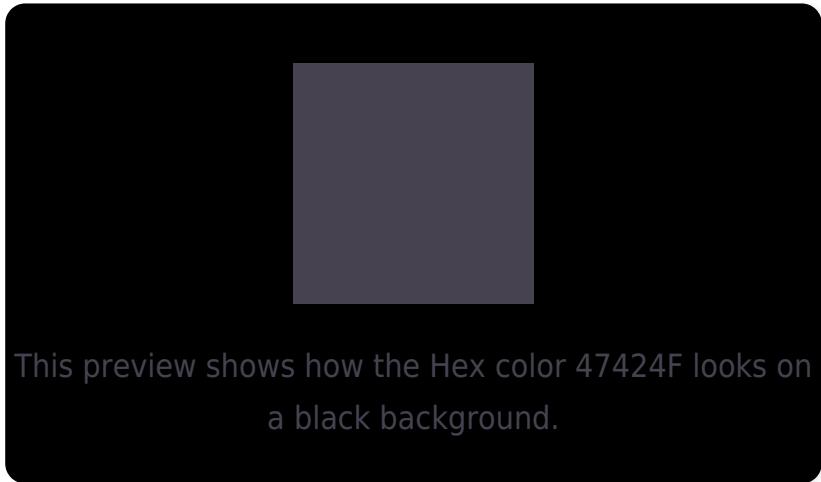
Large Text (above 18pt) WCAG AA ✓ Pass

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

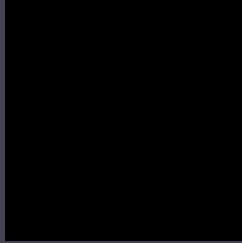
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 47424F Background



This preview shows how black text looks on a background with the Hex color 47424F.

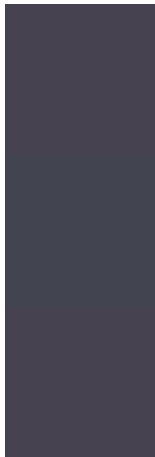


This preview shows how white text looks on a background with the Hex color 47424F.

# 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**  
47424F

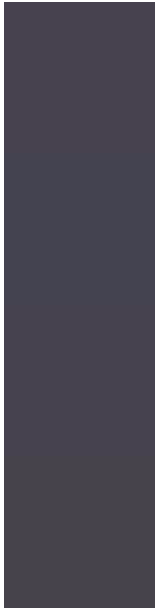
**Protanopia**  
424450

**Deuteranopia**  
46424F



**Tritanopia**  
464348

# Trichromacy



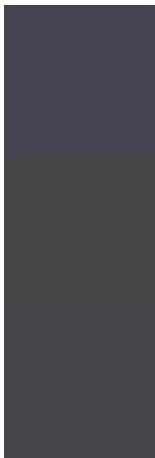
**Original Color**  
47424F

**Protanomaly**  
444350

**Deuteranomaly**  
46424F

**Tritanomaly**  
46434B

# Monochromacy



**Original Color**  
47424F

**Achromatopsia**  
454545

**Achromatomaly**  
464449

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 47424F 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 #47424F looks like.

```
.text, #text, p{  
    color:#47424F  
}
```

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 #47424F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #47424F
}
```

## Border

The CSS property to change the border of an element to Hex 47424F is called "border". The border property can be set on classes, ids or directly on the HTML element.

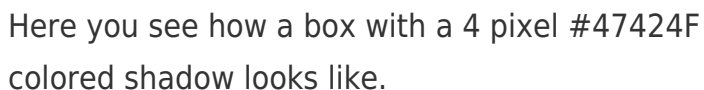
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#47424F }
```

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

```
.border{ border-color:#47424F }
```

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



Here you see how a box with a 4 pixel #47424F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #47424F; -webkit-box-shadow:4px 4px  
4px 4px #47424F; box-shadow:4px 4px 4px  
4px #47424F }
```

# Background

The CSS property to change the background color of an element to Hex 47424F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#47424F }
```

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

```
.background{ background-color:#47424F }
```

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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