

# Converting Colors

Hex(3E414F)

Have a look what the booklet for  
Hex(3E414F) contains.

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# Color

Hex(3E414F)

# Conversions

## Conversions Part 1

Format	Color
Hex	3E414F
RGB	62, 65, 79
RGB Percent	24%, 25%, 31%
CMY	0.7569, 0.7451, 0.6902
CMYK	0.22, 0.18, 0.00, 0.69
HSL	229°, 12%, 28%
HSV	229°, 22%, 31%
XYZ	5.2882, 5.3692, 8.1548
YIQ	65.6990, -6.2820, 3.7180

# Conversions

## Conversions Part 2

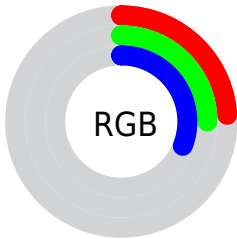
<b>Format</b>	<b>Color</b>
<b>RYB</b>	62, 65, 79
Decimal	4079951
CIELab	27.76, 2.25, -8.85
CIELCh	28, 9.134, 284.266
Yxy	5.3692, 0.2811, 0.2854
Android (android.graphics.Color)	4282270031 (0xFF3E414F)
YUV	65.6990, 6.5574, -3.2440
Hunter-Lab	23.1716, 0.1866, -4.6458

# Details

The Hex color **3E414F** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4F4C3E**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **6E7180**, and **131723** is the 20% darker color. If you saturate the color by 10%, you get **363A4F**, and if you desaturate by 10%, it is **46484F**.

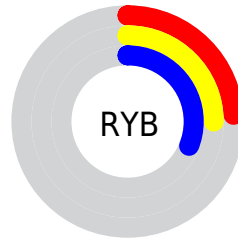
# Distribution



 Red (24%)

 Green (25%)

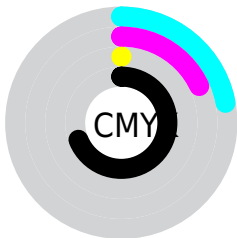
 Blue (31%)



 Red (24%)

 Yellow (25%)

 Blue (31%)

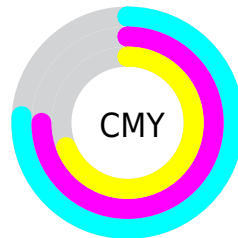


 Cyan (22%)

 Magenta (18%)

 Yellow (0%)

 Black (69%)



 Cyan (76%)

 Magenta (75%)

 Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3E414F 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 3E414F by changing the saturation by 10% instead.



■ 3E414F

■ 3E414F

FFFFFF

■ 282B38

■ 6E7180

■ 131723

■ 878A9A

■ 00000C

■ A1A4B5

■ 000000

■ BCC0D0

■ D8DBED

■ F5F8FF

■ 3E414F

■ 3E414F

■ 363A4F

■ 46484F

■ 2E344F

■ 4E4E4F

■ 262D4F

■ 56554F

■ 1E274F

■ 5E5B4F

■ 16204F

■ 66624F

■ 0F1A4F

■ 6D684F

■ 07134F

■ 756F4F

■ 000E4F

■ 7D754F

■ 857C4F

# Harmonies

## Analogous

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



35434F



3E414F



473F4C

# Triad

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



3E414F



4F3E38



34453E

# Complementary

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



3E414F



4F4C3E

# 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.



3B4437



3E414F



4A4034

# Square

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



3E414F



503D3E



434234



2F4645

# Rectangle

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



3E414F



4C3D48



434234



36453B



# Sweetspot

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



3E414F



606166



3E4F4C



2F3033



B3B3B3



333333



# Same Dimension

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



3E414F



4B5066



433E4F



222326



001266



0028E6



# Inverse Universe

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



4F3E41



664B50



4A4F3E



262223



660012

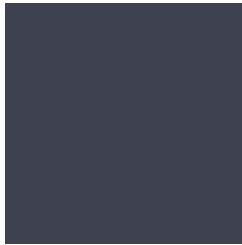


E60029



# Previews

## White Background



This preview shows how the Hex color 3E414F looks on a white background.

## Color Contrast Check

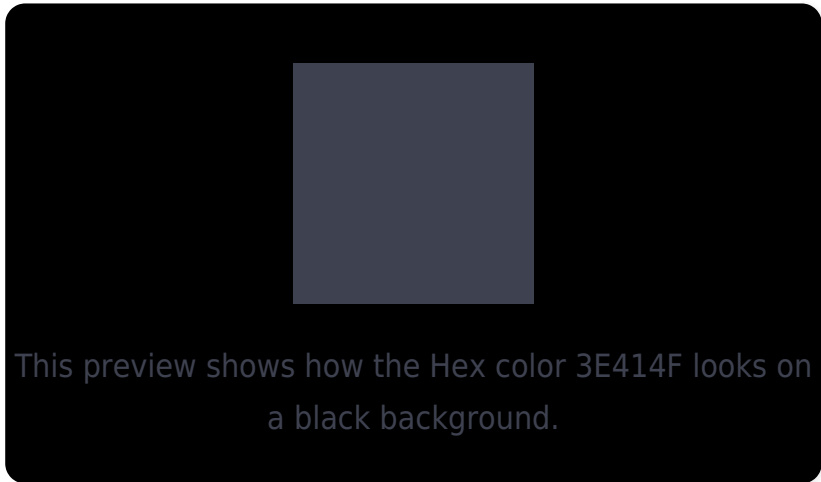
Large Text (above 18pt) WCAG AA ✓ Pass

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

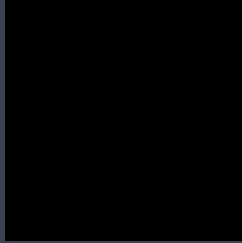
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

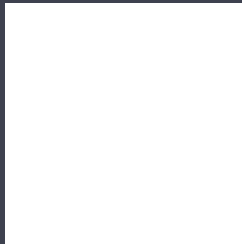
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3E414F Background



This preview shows how black text looks on a background with the Hex color 3E414F.



This preview shows how white text looks on a background with the Hex color 3E414F.

# 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**  
3E414F

**Protanopia**  
3E414F

**Deuteranopia**  
41404F



**Tritanopia**  
3D4248

# Trichromacy



**Original Color**

3E414F

**Protanomaly**

3E414F

**Deuteranomaly**

40404F

**Tritanomaly**

3D424B

# Monochromacy



**Original Color**

3E414F

**Achromatopsia**

424242

**Achromatomaly**

414247

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3E414F 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 #3E414F looks like.

```
.text, #text, p{  
    color:#3E414F  
}
```

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 #3E414F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E414F
}
```

## Border

The CSS property to change the border of an element to Hex 3E414F is called "border". The border property can be set on classes, ids or directly on the HTML element.

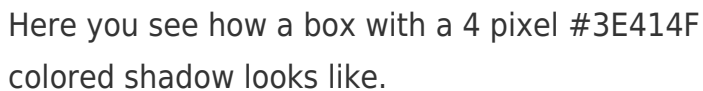
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3E414F }
```

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

```
.border{ border-color:#3E414F }
```

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



Here you see how a box with a 4 pixel #3E414F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E414F; -webkit-box-shadow:4px 4px  
4px 4px #3E414F; box-shadow:4px 4px 4px  
4px #3E414F }
```

# Background

The CSS property to change the background color of an element to Hex 3E414F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E414F }
```

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

```
.background{ background-color:#3E414F }
```

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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