

# Converting Colors

Hex(3E4967)

Have a look what the booklet for  
Hex(3E4967) contains.

<b>Hex(3E4967)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(3E4967)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3E4967
RGB	62, 73, 103
RGB Percent	24%, 29%, 40%
CMY	0.7569, 0.7137, 0.5961
CMYK	0.40, 0.29, 0.00, 0.60
HSL	224°, 25%, 32%
HSV	224°, 40%, 40%
XYZ	6.8173, 6.7685, 13.7791
YIQ	73.1310, -16.1860, 6.9980

# Conversions

## Conversions Part 2

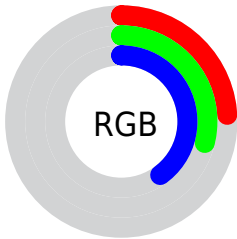
<b>Format</b>	<b>Color</b>
<b>RYB</b>	62, 71, 103
Decimal	4082023
CIELab	31.27, 3.98, -18.90
CIELCh	31, 19.319, 281.880
Yxy	6.7685, 0.2491, 0.2473
Android (android.graphics.Color)	4282272103 (0xFF3E4967)
YUV	73.1310, 14.7254, -9.7619
Hunter-Lab	26.0163, 1.2457, -13.1905

# Details

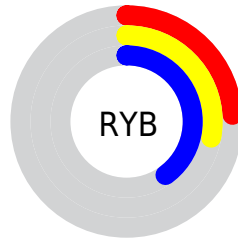
The Hex color **3E4967** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **675C3E**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **6F799A**, and **0F1E38** is the 20% darker color. If you saturate the color by 10%, you get **344167**, and if you desaturate by 10%, it is **485167**.

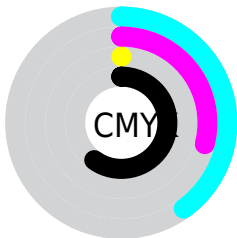
# Distribution



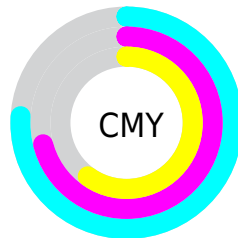
- Red (24%)
- Green (29%)
- Blue (40%)



- Red (24%)
- Yellow (28%)
- Blue (40%)



- Cyan (40%)
- Magenta (29%)
- Yellow (0%)
- Black (60%)



- Cyan (76%)
- Magenta (71%)
- Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3E4967 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 3E4967 by changing the saturation by 10% instead.





3E4967



3E4967

FFFFFF



27334F



6F799A



0F1E38



8993B5



000323



A4AED1



000009



BFC9ED



000000



DBE5FF



F8FFFF



3E4967



3E4967



344167



485167

■ 293A67

■ 535867

■ 1F3267

■ 5D6067

■ 152B67

■ 676767

■ 0B2367

■ 726F67

■ 001C67

■ 7C7667

■ 867E67

■ 908567

■ 9B8D67

# Harmonies

## Analogous

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



254E66



3E4967



534460

# Triad

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



3E4967



654136



2B5140

# Complementary

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



3E4967



675C3E

# 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.



3D4F33



3E4967



5C462D

# Square

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



3E4967



673E44



4E4B2C



18524F

# Rectangle

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



3E4967



5E4058



4E4B2C



31503B



# Sweetspot

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



3E4967



777B87



3E675B



3B3E45



C4C4C4



454545



# Same Dimension

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



3E4967



465887



473E67



2E2F33



001F73



0041F2



# Inverse Universe

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



673E49



874658



5E673E



332E2F



73001F

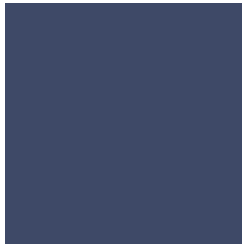


F20041



# Previews

## White Background



This preview shows how the Hex color 3E4967 looks on a white background.

## Color Contrast Check

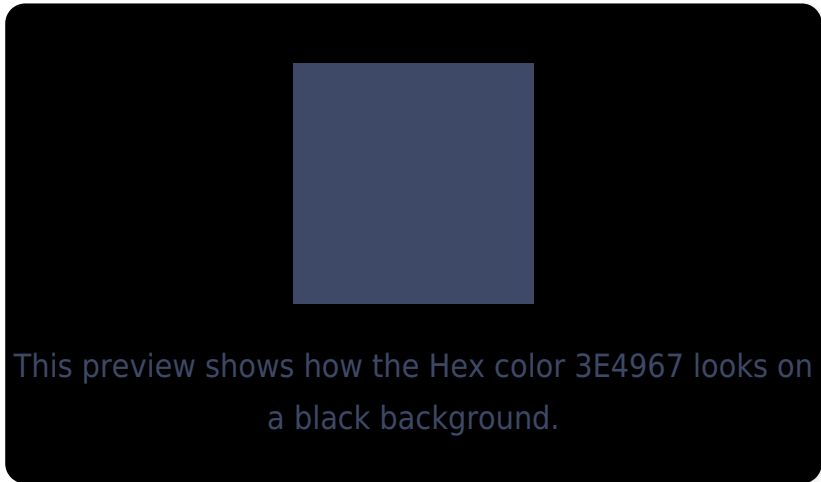
Large Text (above 18pt) WCAG AA ✓ Pass

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

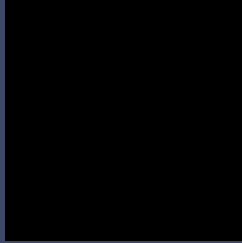
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3E4967 Background



This preview shows how black text looks on a background with the Hex color 3E4967.

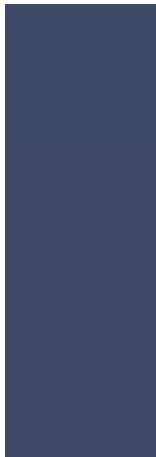


This preview shows how white text looks on a background with the Hex color 3E4967.

# 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**  
3E4967

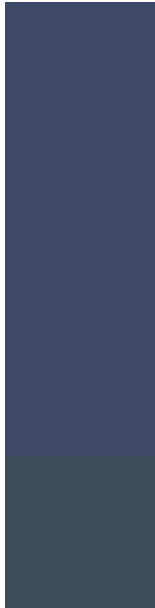
**Protanopia**  
404867

**Deuteranopia**  
3F4967



**Tritanopia**  
394D53

# Trichromacy



**Original Color**  
3E4967

**Protanomaly**  
3F4867

**Deuteranomaly**  
3F4967

**Tritanomaly**  
3B4C5A

# Monochromacy



**Original Color**  
3E4967

**Achromatopsia**  
494949

**Achromatomaly**  
454954

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3E4967 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 #3E4967 looks like.

```
.text, #text, p{  
    color:#3E4967  
}
```

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 #3E4967 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E4967
}
```

## Border

The CSS property to change the border of an element to Hex 3E4967 is called "border". The border property can be set on classes, ids or directly on the HTML element.

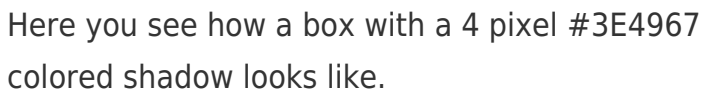
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3E4967 }
```

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

```
.border{ border-color:#3E4967 }
```

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



Here you see how a box with a 4 pixel #3E4967 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E4967; -webkit-box-shadow:4px 4px  
4px 4px #3E4967; box-shadow:4px 4px 4px  
4px #3E4967 }
```

# Background

The CSS property to change the background color of an element to Hex 3E4967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E4967 }
```

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

```
.background{ background-color:#3E4967 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor