

Converting Colors

Hex(3E404E)

Have a look what the booklet for
Hex(3E404E) contains.

Hex(3E404E)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3E404E)

Conversions

Conversions Part 1

Format	Color
Hex	3E404E
RGB	62, 64, 78
RGB Percent	24%, 25%, 31%
CMY	0.7569, 0.7490, 0.6941
CMYK	0.21, 0.18, 0.00, 0.69
HSL	232°, 11%, 27%
HSV	232°, 21%, 31%
XYZ	5.1951, 5.2410, 7.9455
YIQ	64.9980, -5.6860, 3.9300

Conversions

Conversions Part 2

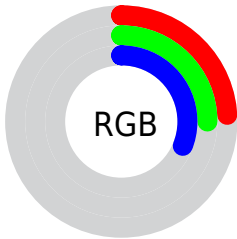
Format	Color
RYB	62, 64, 78
Decimal	4079694
CIELab	27.41, 2.64, -8.73
CIELCh	27, 9.121, 286.818
Yxy	5.2410, 0.2826, 0.2851
Android (android.graphics.Color)	4282269774 (0xFF3E404E)
YUV	64.9980, 6.4100, -2.6292
Hunter-Lab	22.8932, 0.4439, -4.5525

Details

The Hex color **3E404E** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4E4C3E**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **6E707F**, and **131622** is the 20% darker color. If you saturate the color by 10%, you get **36394E**, and if you desaturate by 10%, it is **46474E**.

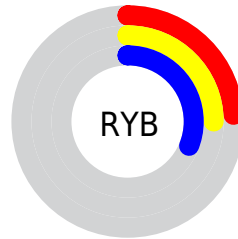
Distribution



Red (24%)

Green (25%)

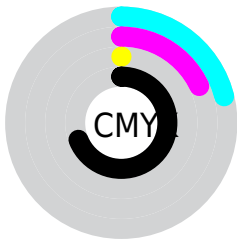
Blue (31%)



Red (24%)

Yellow (25%)

Blue (31%)

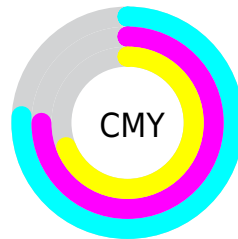


Cyan (21%)

Magenta (18%)

Yellow (0%)

Black (69%)



Cyan (76%)

Magenta (75%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E404E 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 3E404E by changing the saturation by 10% instead.



3E404E



3E404E

FFFFFF



282A37



6E707F



131622



878999



00000A



A1A3B4



000000



BCBECF



D8DAEB



F5F7FF



3E404E



3E404E



36394E



46474E

■ 2E324E

■ 4E4E4E

■ 272C4E

■ 55544E

■ 1F254E

■ 5D5B4E

■ 171E4E

■ 65624E

■ 0F174E

■ 6D694E

■ 07104E

■ 75704E

■ 000A4E

■ 7C774E

■ 847D4E

Harmonies

Analogous

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



35424E



3E404E



473E4A

Triad

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



3E404E



4E3D37



33453D

Complementary

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



3E404E



4E4C3E

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.



3A4337



3E404E



493F33

Square

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



3E404E



4F3C3D



424233



2E4544

Rectangle

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



3E404E



4B3D46



424233



35443B

Sweetspot

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



3E404E



606166



3E4E4C



2F3033



B3B3B3



333333

Same Dimension

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



3E404E



4D5066



443E4E



222326



000D66



001DE6

Inverse Universe

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



4E3E40



664D50



484E3E



262223



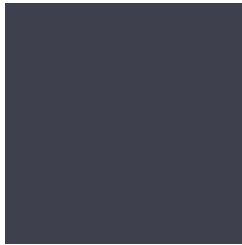
66000D



E6001D

Previews

White Background



This preview shows how the Hex color 3E404E looks on a white background.

Color Contrast Check

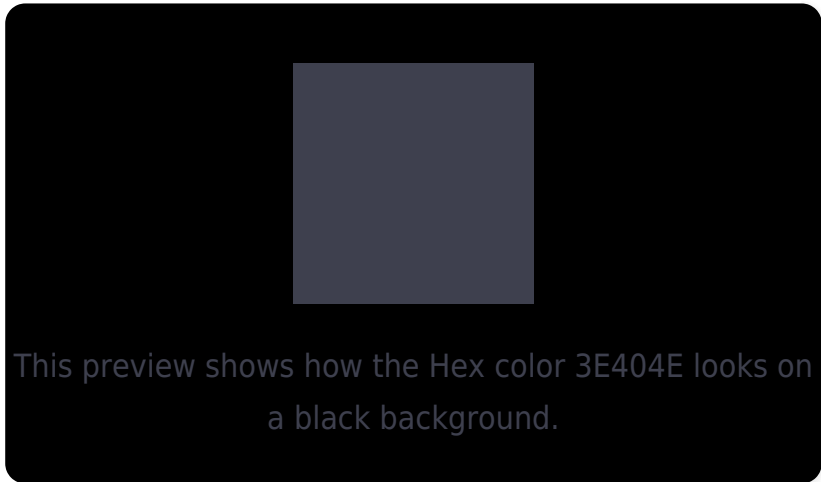
Large Text (above 18pt) WCAG AA ✓ Pass

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

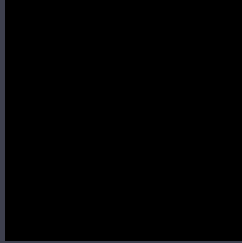
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

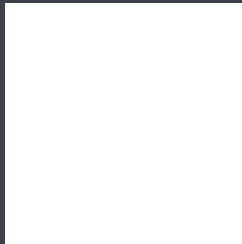
Any Text WCAG AAA × Fail

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

Hex 3E404E Background



This preview shows how black text looks on a background with the Hex color 3E404E.

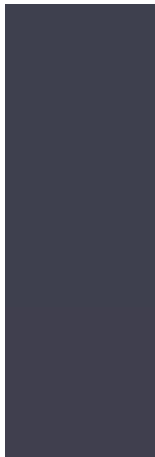


This preview shows how white text looks on a background with the Hex color 3E404E.

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](#).

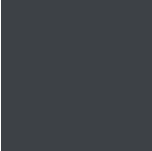
Dichromacy



Original Color
3E404E

Protanopia
3E404E

Deuteranopia
403F4E



Tritanopia
3D4146

Trichromacy



Original Color
3E404E

Protanomaly
3E404E

Deuteranomaly
3F3F4E

Tritanomaly
3D4149

Monochromacy



Original Color
3E404E

Achromatopsia
414141

Achromatomaly
404146

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E404E 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 #3E404E looks like.

```
.text, #text, p{  
    color:#3E404E  
}
```

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 #3E404E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E404E
}
```

Border

The CSS property to change the border of an element to Hex 3E404E is called "border". The border property can be set on classes, ids or directly on the HTML element.

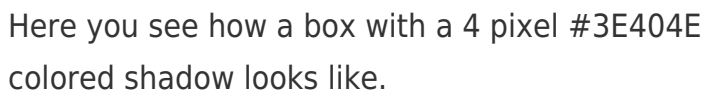
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3E404E }
```

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

```
.border{ border-color:#3E404E }
```

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



Here you see how a box with a 4 pixel #3E404E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E404E; -webkit-box-shadow:4px 4px  
4px 4px #3E404E; box-shadow:4px 4px 4px  
4px #3E404E }
```

Background

The CSS property to change the background color of an element to Hex 3E404E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E404E }
```

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

```
.background{ background-color:#3E404E }
```

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