

# Converting Colors

Hex(3E3E4B)

Have a look what the booklet for  
Hex(3E3E4B) contains.

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# Color

Hex(3E3E4B)

# Conversions

## Conversions Part 1

Format	Color
Hex	3E3E4B
RGB	62, 62, 75
RGB Percent	24%, 24%, 29%
CMY	0.7569, 0.7569, 0.7059
CMYK	0.17, 0.17, 0.00, 0.71
HSL	240°, 9%, 27%
HSV	240°, 17%, 29%
XYZ	4.9792, 4.9774, 7.3549
YIQ	63.4820, -4.1730, 4.0430

# Conversions

## Conversions Part 2

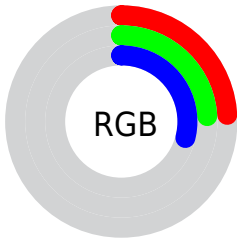
<b>Format</b>	<b>Color</b>
<b>RYB</b>	62, 62, 75
Decimal	4079179
CIELab	26.67, 3.16, -7.88
CIELCh	27, 8.494, 291.870
Yxy	4.9774, 0.2876, 0.2875
Android (android.graphics.Color)	4282269259 (0xFF3E3E4B)
YUV	63.4820, 5.6784, -1.2997
Hunter-Lab	22.3100, 0.7956, -3.9290

# Details

The Hex color **3E3E4B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4B4B3E**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **6E6D7C**, and **14141F** is the 20% darker color. If you saturate the color by 10%, you get **37374B**, and if you desaturate by 10%, it is **46464B**.

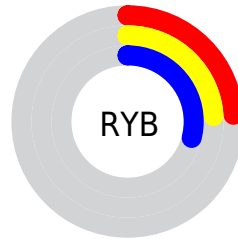
# Distribution



Red (24%)

Green (24%)

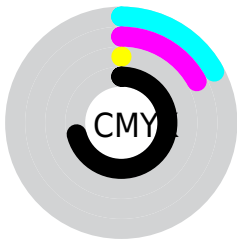
Blue (29%)



Red (24%)

Yellow (24%)

Blue (29%)

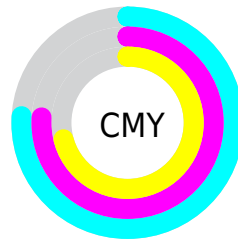


Cyan (17%)

Magenta (17%)

Yellow (0%)

Black (71%)



Cyan (76%)

Magenta (76%)

Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3E3E4B 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 3E3E4B by changing the saturation by 10% instead.





3E3E4B



3E3E4B

FFFFFF



282834



6E6D7C



14141F



878796



000005



A1A1B0



000000



BCBCCC



D8D8E8



F4F4FF



3E3E4B



3E3E4B



37374B



46464B

■ 2F2F4B

■ 4D4D4B

■ 27274B

■ 55554B

■ 20204B

■ 5C5C4B

■ 18184B

■ 64644B

■ 11114B

■ 6B6B4B

■ 09094B

■ 73734B

■ 02024B

■ 7A7A4B

■ 00004B

■ 82824B

# Harmonies

## Analogous

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



36404C



3E3E4B



463C47

# Triad

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



3E3E4B



4B3C35



31433D

# Complementary

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



3E3E4B



4B4B3E

# 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.



384237



3E3E4B



463E32

# Square

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



3E3E4B



4D3B3B



3F4033



2E4344

# Rectangle

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



3E3E4B



4A3B43



3F4033



33433B



# Sweetspot

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



3E3E4B



5C5C61



3E4B4B



2E2E30



B0B0B0



303030



# Same Dimension

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



3E3E4B



4D4D61



453E4B



222226



000066



0000E6



# Inverse Universe

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



4B3E4B



614D61



454B3E



262226



660066

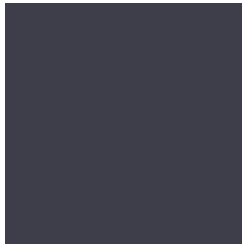


E600E6



# Previews

## White Background



This preview shows how the Hex color 3E3E4B looks on a white background.

## Color Contrast Check

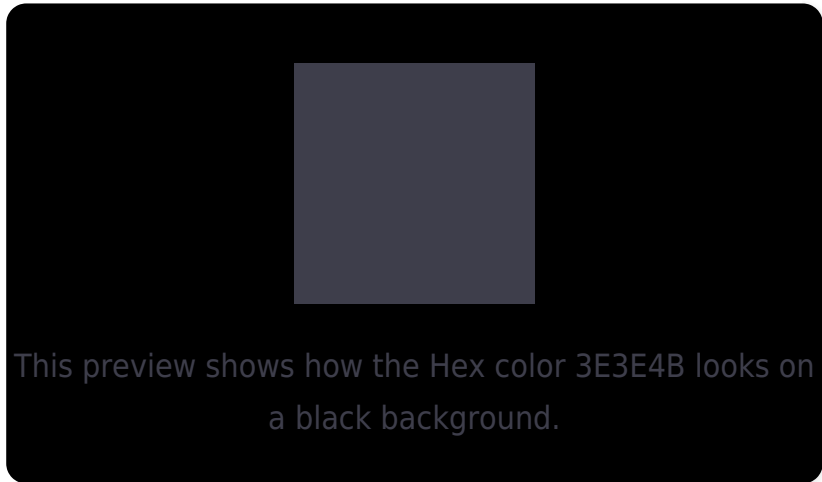
Large Text (above 18pt) WCAG AA ✓ Pass

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

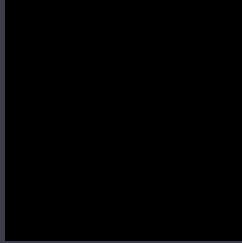
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3E3E4B Background



This preview shows how black text looks on a background with the Hex color 3E3E4B.

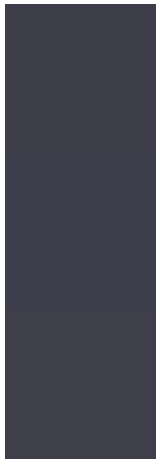


This preview shows how white text looks on a background with the Hex color 3E3E4B.

# 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**  
3E3E4B

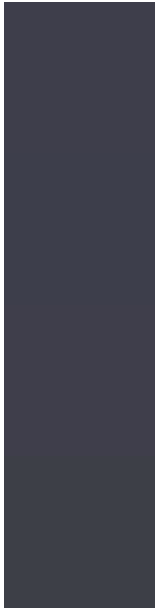
**Protanopia**  
3C3E4B

**Deuteranopia**  
3F3E4B



**Tritanopia**  
3D3F44

# Trichromacy



**Original Color**  
3E3E4B

**Protanomaly**  
3D3E4B

**Deuteranomaly**  
3F3E4B

**Tritanomaly**  
3D3F47

# Monochromacy



**Original Color**  
3E3E4B

**Achromatopsia**  
3F3F3F

**Achromatomaly**  
3F3F43

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3E3E4B 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 #3E3E4B looks like.

```
.text, #text, p{  
    color:#3E3E4B  
}
```

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 #3E3E4B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E3E4B
}
```

## Border

The CSS property to change the border of an element to Hex 3E3E4B is called "border". The border property can be set on classes, ids or directly on the HTML element.

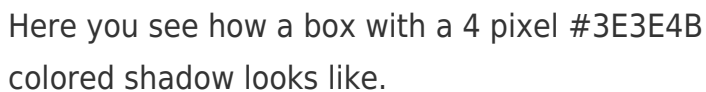
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3E3E4B }
```

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

```
.border{ border-color:#3E3E4B }
```

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



Here you see how a box with a 4 pixel #3E3E4B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E3E4B; -webkit-box-shadow:4px 4px  
4px 4px #3E3E4B; box-shadow:4px 4px 4px  
4px #3E3E4B }
```

# Background

The CSS property to change the background color of an element to Hex 3E3E4B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E3E4B }
```

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

```
.background{ background-color:#3E3E4B }
```

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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