

# Converting Colors

Hex(3E454E)

Have a look what the booklet for  
Hex(3E454E) contains.

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# Color

Hex(3E454E)

# Conversions

## Conversions Part 1

Format	Color
Hex	3E454E
RGB	62, 69, 78
RGB Percent	24%, 27%, 31%
CMY	0.7569, 0.7294, 0.6941
CMYK	0.21, 0.12, 0.00, 0.69
HSL	214°, 11%, 27%
HSV	214°, 21%, 31%
XYZ	5.4899, 5.8304, 8.0438
YIQ	67.9330, -7.0610, 1.3150

# Conversions

## Conversions Part 2

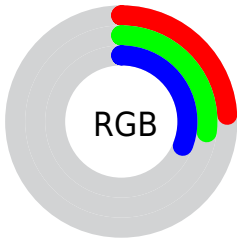
Format	Color
<a href="#">RYB</a>	<a href="#">62, 67, 78</a>
Decimal	<a href="#">4080974</a>
CIELab	<a href="#">28.98, -0.61, -6.37</a>
CIELCh	<a href="#">29, 6.396, 264.565</a>
Yxy	<a href="#">5.8304, 0.2835, 0.3011</a>
Android (android.graphics.Color)	<a href="#">4282271054 (0xFF3E454E)</a>
YUV	<a href="#">67.9330, 4.9630, -5.2032</a>
Hunter-Lab	<a href="#">24.1463, -1.6725, -2.8487</a>

# Details

The Hex color **3E454E** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **4E473E**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **6E757F**, and **131A22** is the 20% darker color. If you saturate the color by 10%, you get **36414E**, and if you desaturate by 10%, it is **46494E**.

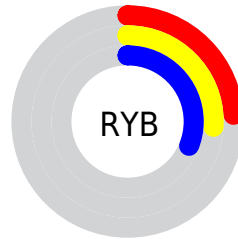
# Distribution



Red (24%)

Green (27%)

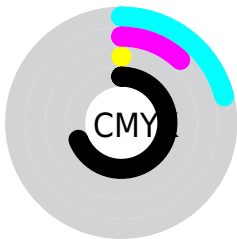
Blue (31%)



Red (24%)

Yellow (26%)

Blue (31%)

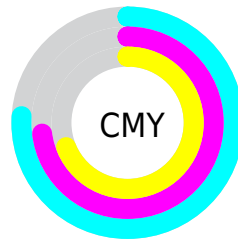


Cyan (21%)

Magenta (12%)

Yellow (0%)

Black (69%)



Cyan (76%)

Magenta (73%)

Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3E454E 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 3E454E by changing the saturation by 10% instead.





3E454E



3E454E

FFFFFF



282F37



6E757F



131A22



878F99



00000B



A1A9B4



000000



BCC4CF



D8E0EB



F5FDFF



3E454E



3E454E



36414E



46494E

■ 2E3C4E

■ 4E4E4E

■ 27384E

■ 55524E

■ 1F334E

■ 5D574E

■ 172F4E

■ 655B4E

■ 0F2B4E

■ 6D5F4E

■ 07264E

■ 75644E

■ 00224E

■ 7C684E

■ 846C4E

# Harmonies

## Analogous

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



39464C



3E454E



44434D

# Triad

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



3E454E



4F4140



3E473E

# Complementary

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



3E454E



4E473E

# 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.



44453B



3E454E



4D423C

# Square

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



3E454E



4E4145



49443B



3A4743

# Rectangle

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



3E454E



48424B



49443B



40463D



# Sweetspot

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



3E454E



606366



3E4E47



2F3133



B3B3B3



333333



# Same Dimension

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



3E454E



4D5866



3F3E4E



222426



002D66



0064E6



# Inverse Universe

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



4E3E45



664D58



4D4E3E



262224



66002D

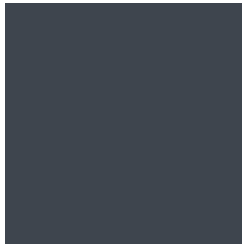


E60064



# Previews

## White Background



This preview shows how the Hex color 3E454E looks on a white background.

## Color Contrast Check

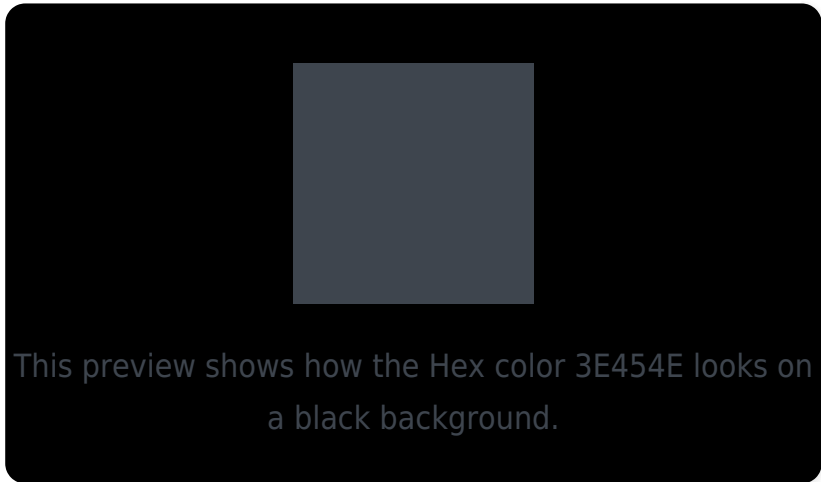
Large Text (above 18pt) WCAG AA ✓ Pass

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

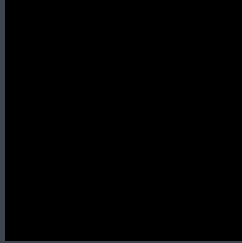
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

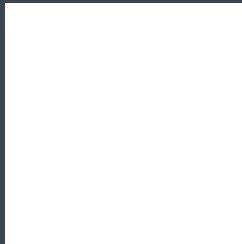
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3E454E Background



This preview shows how black text looks on a background with the Hex color 3E454E.



This preview shows how white text looks on a background with the Hex color 3E454E.

# 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**

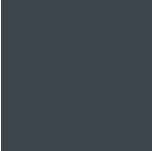
3E454E

**Protanopia**

43444D

**Deuteranopia**

46434F



**Tritanopia**  
3D454B

# Trichromacy



**Original Color**

3E454E

**Protanomaly**

41444D

**Deuteranomaly**

43444F

**Tritanomaly**

3D454C

# Monochromacy



**Original Color**

3E454E

**Achromatopsia**

444444

**Achromatomaly**

424448

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3E454E 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 #3E454E looks like.

```
.text, #text, p{  
    color:#3E454E  
}
```

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 #3E454E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E454E
}
```

## Border

The CSS property to change the border of an element to Hex 3E454E is called "border". The border property can be set on classes, ids or directly on the HTML element.

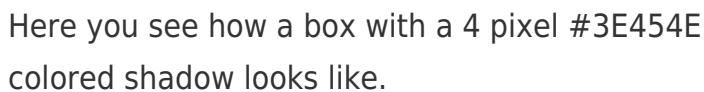
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3E454E }
```

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

```
.border{ border-color:#3E454E }
```

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



Here you see how a box with a 4 pixel #3E454E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E454E; -webkit-box-shadow:4px 4px  
4px 4px #3E454E; box-shadow:4px 4px 4px  
4px #3E454E }
```

# Background

The CSS property to change the background color of an element to Hex 3E454E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E454E }
```

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

```
.background{ background-color:#3E454E }
```

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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