

# Converting Colors

Hex(3E4A5B)

Have a look what the booklet for  
Hex(3E4A5B) contains.

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# Color

Hex(3E4A5B)

# Conversions

## Conversions Part 1

Format	Color
Hex	3E4A5B
RGB	62, 74, 91
RGB Percent	24%, 29%, 36%
CMY	0.7569, 0.7098, 0.6431
CMYK	0.32, 0.19, 0.00, 0.64
HSL	215°, 19%, 30%
HSV	215°, 32%, 36%
XYZ	6.3237, 6.6770, 10.8530
YIQ	72.3500, -12.6090, 2.7430

# Conversions

## Conversions Part 2

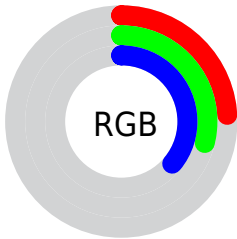
<b>Format</b>	<b>Color</b>
<b>RYB</b>	62, 70, 91
Decimal	4082267
CIELab	31.06, -0.24, -11.59
CIELCh	31, 11.596, 268.809
Yxy	6.6770, 0.2651, 0.2799
Android (android.graphics.Color)	4282272347 (0xFF3E4A5B)
YUV	72.3500, 9.1945, -9.0769
Hunter-Lab	25.8399, -1.5362, -6.8144

# Details

The Hex color **3E4A5B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **5B4F3E**, and the grayscale version is **484848**.

A 20% lighter version of the original color is **6E7B8D**, and **121E2D** is the 20% darker color. If you saturate the color by 10%, you get **35455B**, and if you desaturate by 10%, it is **474F5B**.

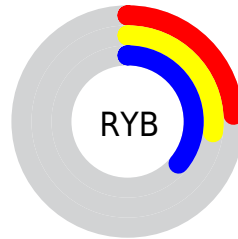
# Distribution



Red (24%)

Green (29%)

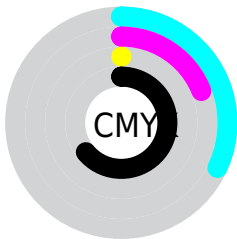
Blue (36%)



Red (24%)

Yellow (27%)

Blue (36%)

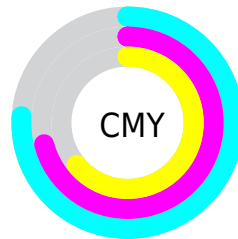


Cyan (32%)

Magenta (19%)

Yellow (0%)

Black (64%)



Cyan (76%)

Magenta (71%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3E4A5B 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 3E4A5B by changing the saturation by 10% instead.





3E4A5B



3E4A5B

FFFFFF



273343



6E7B8D



121E2D



8894A8



000519



A2AFC3



000000



BECADF



D9E6FB



F6FFFF



3E4A5B



3E4A5B



35455B



474F5B

■ 2C3F5B

■ 50555B

■ 233A5B

■ 595A5B

■ 1A355B

■ 625F5B

■ 112F5B

■ 6C655B

■ 072A5B

■ 756A5B

■ 00265B

■ 7E6F5B

■ 87755B

■ 907A5B

# Harmonies

## Analogous

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



344D58



3E4A5B



4A4759

# Triad

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



3E4A5B



5C4341



3C4D3F

# Complementary

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



3E4A5B



5B4F3E

# 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.



474B39



3E4A5B



58453A

# Square

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



3E4A5B



5B434A



504837



344E48

# Rectangle

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



3E4A5B



514555



504837



404D3D



# Sweetspot

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



3E4A5B



6A6E75



3E5B4F



34373B



BABABA



3B3B3B



# Same Dimension

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



3E4A5B



495B75



403E5B



292B2E



002D6E



0062ED



# Inverse Universe

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



5B3E4A



75495B



595B3E



2E292B



6E002D

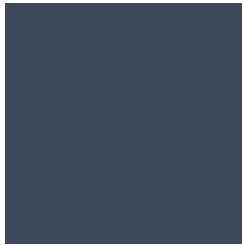


ED0062



# Previews

## White Background



This preview shows how the Hex color 3E4A5B looks on a white background.

## Color Contrast Check

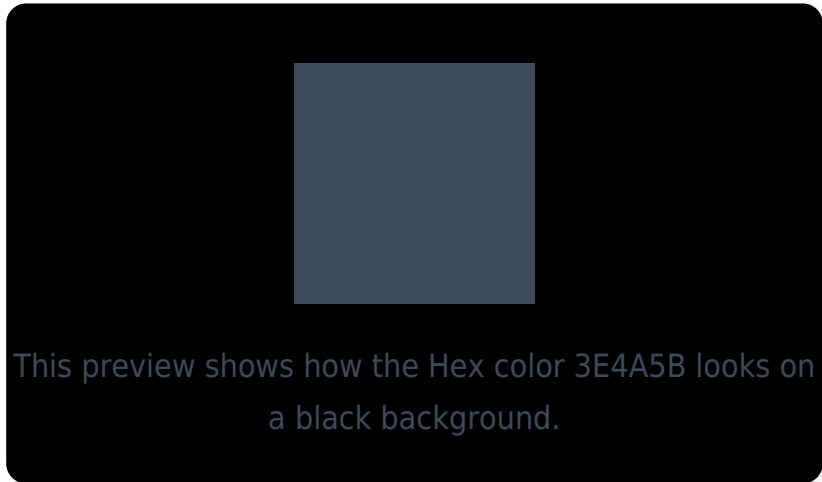
Large Text (above 18pt) WCAG AA ✓ Pass

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

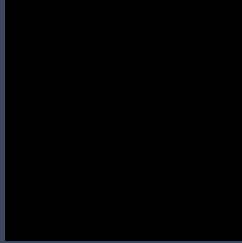
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

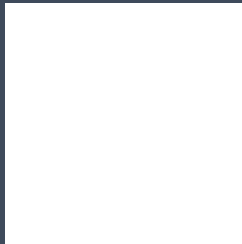
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3E4A5B Background



This preview shows how black text looks on a background with the Hex color 3E4A5B.

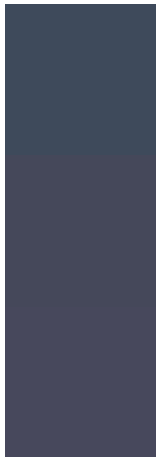


This preview shows how white text looks on a background with the Hex color 3E4A5B.

# 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



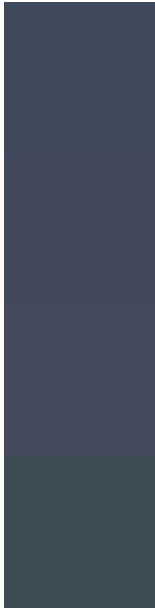
**Original Color**  
3E4A5B

**Protanopia**  
45485A

**Deuteranopia**  
47485C



# Trichromacy



**Original Color**

3E4A5B

**Protanomaly**

42495A

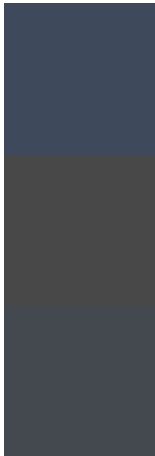
**Deuteranomaly**

44495C

**Tritanomaly**

3D4B55

# Monochromacy



**Original Color**

3E4A5B

**Achromatopsia**

484848

**Achromatomaly**

44494F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3E4A5B 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 #3E4A5B looks like.

```
.text, #text, p{  
    color:#3E4A5B  
}
```

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 #3E4A5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E4A5B
}
```

## Border

The CSS property to change the border of an element to Hex 3E4A5B is called "border". The border property can be set on classes, ids or directly on the HTML element.

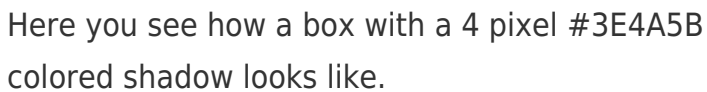
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3E4A5B }
```

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

```
.border{ border-color:#3E4A5B }
```

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



Here you see how a box with a 4 pixel #3E4A5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E4A5B; -webkit-box-shadow:4px 4px  
4px 4px #3E4A5B; box-shadow:4px 4px 4px  
4px #3E4A5B }
```

# Background

The CSS property to change the background color of an element to Hex 3E4A5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E4A5B }
```

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

```
.background{ background-color:#3E4A5B }
```

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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