

# Converting Colors

Hex(3E3C42)

Have a look what the booklet for  
Hex(3E3C42) contains.

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# Color

Hex(3E3C42)

# Conversions

## Conversions Part 1

Format	Color
Hex	3E3C42
RGB	62, 60, 66
RGB Percent	24%, 24%, 26%
CMY	0.7569, 0.7647, 0.7412
CMYK	0.06, 0.09, 0.00, 0.74
HSL	260°, 5%, 25%
HSV	260°, 9%, 26%
XYZ	4.5858, 4.6492, 5.8099
YIQ	61.2820, -0.7340, 2.2900

# Conversions

## Conversions Part 2

Format	Color
<a href="#">RYB</a>	62, 60, 66
Decimal	4078658
CIELab	25.71, 2.24, -3.38
CIELCh	26, 4.052, 303.486
Yxy	4.6492, 0.3048, 0.3090
Android (android.graphics.Color)	4282268738 (0xFF3E3C42)
YUV	61.2820, 2.3260, 0.6297
Hunter-Lab	21.5620, 0.2301, -0.8825

# Details

The Hex color **3E3C42** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **40423C**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **6D6B72**, and **141218** is the 20% darker color. If you saturate the color by 10%, you get **3A3542**, and if you desaturate by 10%, it is **424342**.

# Distribution



 Red (24%)

 Green (24%)

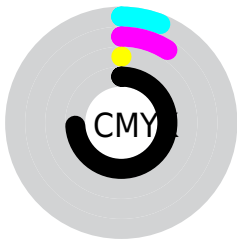
 Blue (26%)



 Red (24%)

 Yellow (24%)

 Blue (26%)



 Cyan (6%)

 Magenta (9%)

 Yellow (0%)

 Black (74%)



 Cyan (76%)

 Magenta (76%)

 Yellow (74%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3E3C42 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 3E3C42 by changing the saturation by 10% instead.





3E3C42



3E3C42

FFFFFF



28262C



6D6B72



141218



87848B



000000



A19FA6



BCB9C1



D8D5DD



F4F2F9



3E3C42



3E3C42



3A3542



424342

■ 352F42

■ 474942

■ 312842

■ 4B5042

■ 2C2242

■ 505642

■ 281B42

■ 545D42

■ 241442

■ 586442

■ 1F0E42

■ 5D6A42

■ 1B0742

■ 617142

■ 160142

■ 667742

# Harmonies

## Analogous

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



3A3D43



3E3C42



413B40

# Triad

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



3E3C42



423C37



363F3D

# Complementary

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



3E3C42



40423C

# 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.



383E3A



3E3C42



3F3D37

# Square

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



3E3C42



443B3A



3C3E38



353F40

# Rectangle

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



3E3C42



433B3E



3C3E38



373F3C



# Sweetspot

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



3E3C42



555457



3C4042



2A2A2B



ABABAB



2B2B2B



# Same Dimension

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



3E3C42



504D57



413C42



1F1E21



200061



4B00E0



# Inverse Universe

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



423C40



574D54



3D423C



211E20



610041

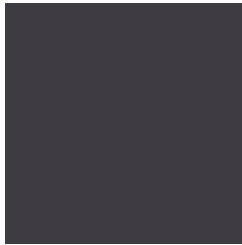


E00096



# Previews

## White Background



This preview shows how the Hex color 3E3C42 looks on a white background.

## Color Contrast Check

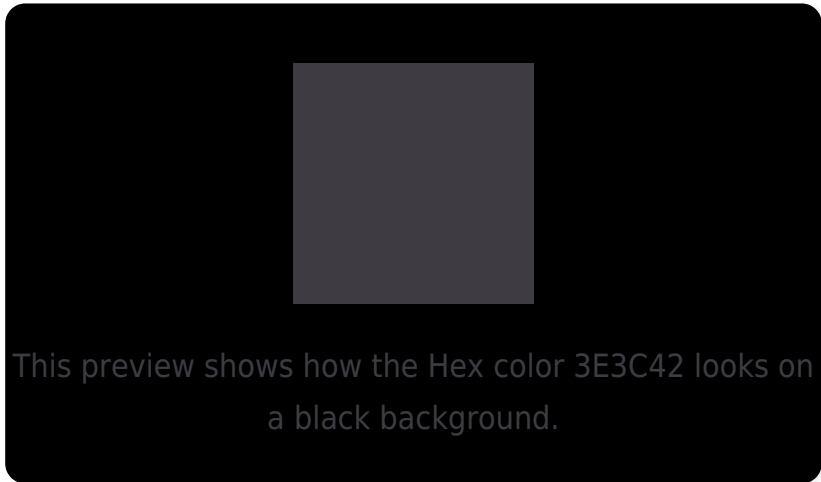
Large Text (above 18pt) WCAG AA ✓ Pass

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

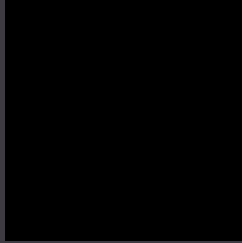
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

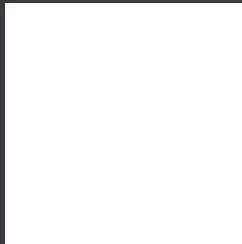
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3E3C42 Background



This preview shows how black text looks on a background with the Hex color 3E3C42.



This preview shows how white text looks on a background with the Hex color 3E3C42.

# 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**  
3E3C42

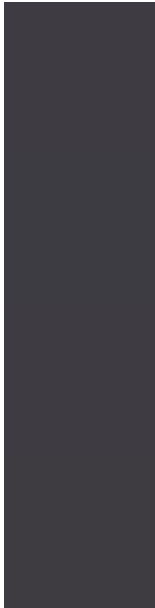
**Protanopia**  
3C3C42

**Deuteranopia**  
403B42



**Tritanopia**  
3E3C41

# Trichromacy



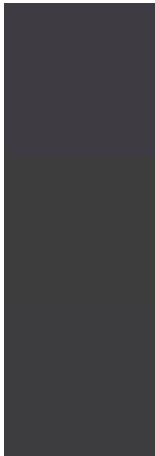
**Original Color**  
3E3C42

**Protanomaly**  
3D3C42

**Deuteranomaly**  
3F3B42

**Tritanomaly**  
3E3C41

# Monochromacy



**Original Color**  
3E3C42

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
3D3D3F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3E3C42 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 #3E3C42 looks like.

```
.text, #text, p{  
    color:#3E3C42  
}
```

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 #3E3C42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E3C42
}
```

## Border

The CSS property to change the border of an element to Hex 3E3C42 is called "border". The border property can be set on classes, ids or directly on the HTML element.

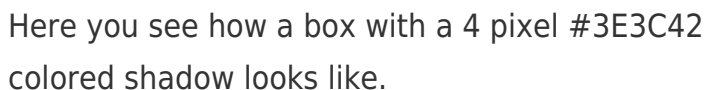
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3E3C42 }
```

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

```
.border{ border-color:#3E3C42 }
```

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



Here you see how a box with a 4 pixel #3E3C42 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E3C42; -webkit-box-shadow:4px 4px  
4px 4px #3E3C42; box-shadow:4px 4px 4px  
4px #3E3C42 }
```

# Background

The CSS property to change the background color of an element to Hex 3E3C42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E3C42 }
```

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

```
.background{ background-color:#3E3C42 }
```

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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