

# Converting Colors

Hex(3E3646)

Have a look what the booklet for  
Hex(3E3646) contains.

<b>Hex(3E3646)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(3E3646)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3E3646
RGB	62, 54, 70
RGB Percent	24%, 21%, 27%
CMY	0.7569, 0.7882, 0.7255
CMYK	0.11, 0.23, 0.00, 0.73
HSL	270°, 13%, 24%
HSV	270°, 23%, 27%
XYZ	4.4113, 4.1047, 6.3541
YIQ	58.2160, -0.3680, 6.6720

# Conversions

## Conversions Part 2

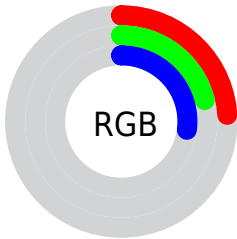
<b>Format</b>	<b>Color</b>
<b>RYB</b>	62, 54, 70
Decimal	4077126
CIELab	24.01, 7.21, -8.59
CIElCh	24, 11.211, 310.017
Yxy	4.1047, 0.2967, 0.2760
Android (android.graphics.Color)	4282267206 (0xFF3E3646)
YUV	58.2160, 5.8095, 3.3186
Hunter-Lab	20.2600, 3.4104, -4.4131

# Details

The Hex color **3E3646** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3E4636**, and the grayscale version is **3A3A3A**.

A 20% lighter version of the original color is **6E6576**, and **140A1B** is the 20% darker color. If you saturate the color by 10%, you get **3B2F46**, and if you desaturate by 10%, it is **423D46**.

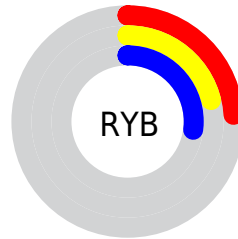
# Distribution



Red (24%)

Green (21%)

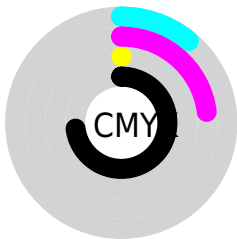
Blue (27%)



Red (24%)

Yellow (21%)

Blue (27%)

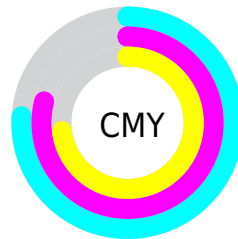


Cyan (11%)

Magenta (23%)

Yellow (0%)

Black (73%)



Cyan (76%)

Magenta (79%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3E3646 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 3E3646 by changing the saturation by 10% instead.





3E3646



3E3646

FFFFFF



282130



6E6576



140A1B



877E90



000000



A198AA



BCB2C6



D8CEE2



F5EAFE



3E3646



3E3646



3B2F46



423D46

■ 372846

■ 454446

■ 342146

■ 494B46

■ 301A46

■ 4C5246

■ 2D1346

■ 505946

■ 290C46

■ 536046

■ 260546

■ 576746

■ 230046

■ 5A6E46

■ 5E7546

# Harmonies

## Analogous

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



33394A



3E3646



46343F

# Triad

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



3E3646



44372A



223E3C

# Complementary

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



3E3646



3E4636

# 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.



2A3D33



3E3646



3C3929

# Square

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



3E3646



49342F



333C2C



213D44

# Rectangle

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



3E3646



493339



333C2C



243E39



# Sweetspot

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



3E3646



59555C



363E46



2C2A2E



ADADAD



2E2E2E



# Same Dimension

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



3E3646



4F435C



463646



222024



320063



7100E3



# Inverse Universe

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



46363E



5C434F



364636



242022



630032



E30071



# Previews

## White Background



This preview shows how the Hex color 3E3646 looks on a white background.

## Color Contrast Check

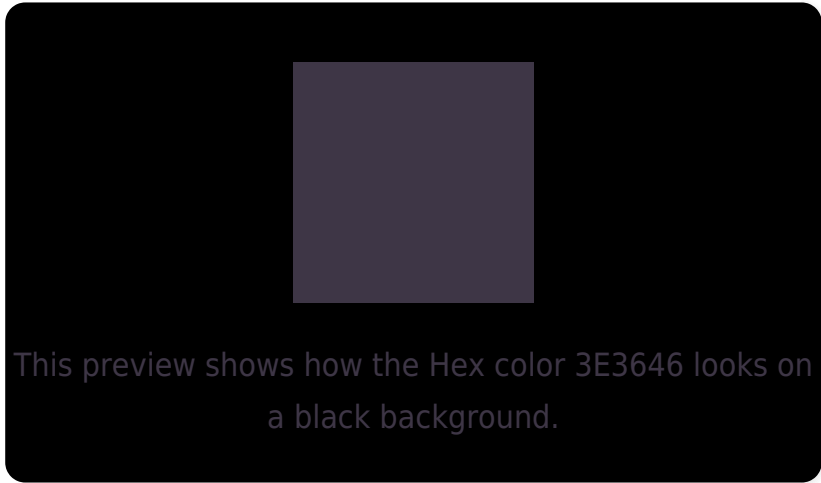
Large Text (above 18pt) WCAG AA ✓ Pass

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

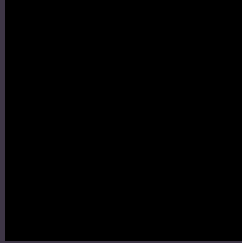
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3E3646 Background



This preview shows how black text looks on a background with the Hex color 3E3646.



This preview shows how white text looks on a background with the Hex color 3E3646.

# 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**  
3E3646

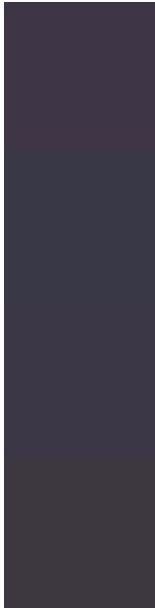
**Protanopia**  
353948

**Deuteranopia**  
393846



**Tritanopia**  
3C383C

# Trichromacy



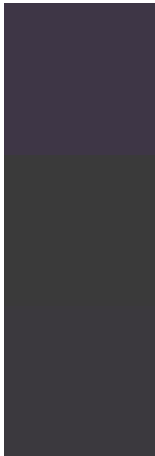
**Original Color**  
3E3646

**Protanomaly**  
383847

**Deuteranomaly**  
3B3746

**Tritanomaly**  
3D3740

# Monochromacy



**Original Color**  
3E3646

**Achromatopsia**  
3A3A3A

**Achromatomaly**  
3B393E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3E3646 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 #3E3646 looks like.

```
.text, #text, p{  
    color:#3E3646  
}
```

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 #3E3646 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E3646
}
```

## Border

The CSS property to change the border of an element to Hex 3E3646 is called "border". The border property can be set on classes, ids or directly on the HTML element.

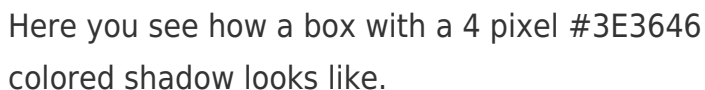
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3E3646 }
```

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

```
.border{ border-color:#3E3646 }
```

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



Here you see how a box with a 4 pixel #3E3646 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E3646; -webkit-box-shadow:4px 4px  
4px 4px #3E3646; box-shadow:4px 4px 4px  
4px #3E3646 }
```

# Background

The CSS property to change the background color of an element to Hex 3E3646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E3646 }
```

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

```
.background{ background-color:#3E3646 }
```

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