

Converting Colors

Hex(3E3D40)

Have a look what the booklet for
Hex(3E3D40) contains.

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Color

Hex(3E3D40)

Conversions

Conversions Part 1

Format	Color
Hex	3E3D40
RGB	62, 61, 64
RGB Percent	24%, 24%, 25%
CMY	0.7569, 0.7608, 0.7490
CMYK	0.03, 0.05, 0.00, 0.75
HSL	260°, 2%, 25%
HSV	260°, 5%, 25%
XYZ	4.5808, 4.7318, 5.5224
YIQ	61.6410, -0.3670, 1.1450

Conversions

Conversions Part 2

Format	Color
RYB	62, 61, 64
Decimal	4078912
CIELab	25.96, 1.11, -1.69
CIElCh	26, 2.025, 303.257
Yxy	4.7318, 0.3088, 0.3190
Android (android.graphics.Color)	4282268992 (0xFF3E3D40)
YUV	61.6410, 1.1630, 0.3148
Hunter-Lab	21.7527, -0.4779, 0.1748

Details

The Hex color **3E3D40** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3F403D**, and the grayscale version is **3E3E3E**.

A 20% lighter version of the original color is **6D6C70**, and **141316** is the 20% darker color. If you saturate the color by 10%, you get **3A3740**, and if you desaturate by 10%, it is **424340**.

Distribution



Red (24%)

Green (24%)

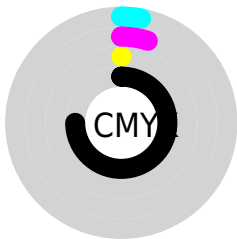
Blue (25%)



Red (24%)

Yellow (24%)

Blue (25%)



Cyan (3%)

Magenta (5%)

Yellow (0%)

Black (75%)



Cyan (76%)

Magenta (76%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3E3D40 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 3E3D40 by changing the saturation by 10% instead.



3E3D40



3E3D40

FFFFFF



28272A



6D6C70



141316



878689



000000



A1A0A3



BCBBBE



D8D6DA



F4F3F7



3E3D40



3E3D40



3A3740



424340

■ 353040

■ 474A40

■ 312A40

■ 4B5040

■ 2D2340

■ 4F5740

■ 291D40

■ 535D40

■ 241740

■ 586340

■ 201040

■ 5C6A40

■ 1C0A40

■ 607040

■ 180340

■ 647740

Harmonies

Analogous

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



3C3E40



3E3D40



403D3F

Triad

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



3E3D40



403D3B



3A3E3E

Complementary

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



3E3D40



3F403D

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.



3B3E3C



3E3D40



3F3D3A

Square

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



3E3D40



413D3C



3D3E3B



3A3E3F

Rectangle

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



3E3D40



403C3E



3D3E3B



3A3E3D

Sweetspot

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



3E3D40



545354



3D3F40



2B2B2B



ABABAB

Same Dimension

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



3E3D40



514F54



3F3D40



201F21



200061



4B00E0

Inverse Universe

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



403D3F



544F52



3E403D



211F20



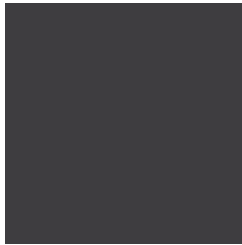
610041



E00096

Previews

White Background



This preview shows how the Hex color 3E3D40 looks on a white background.

Color Contrast Check

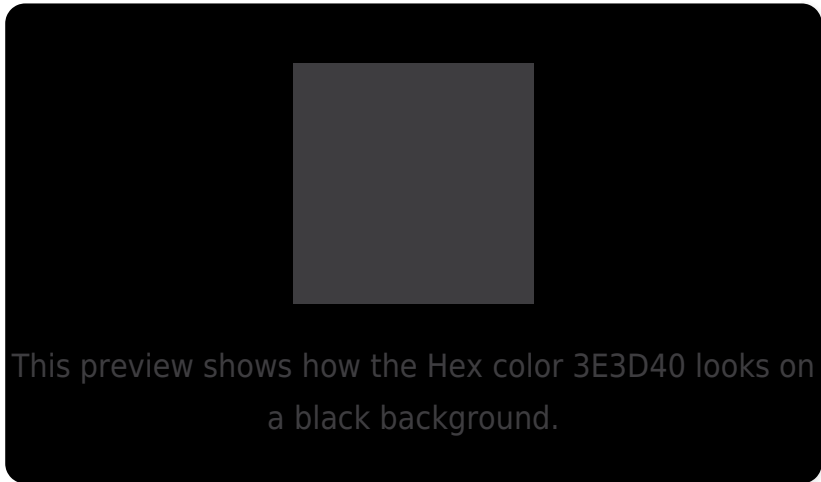
Large Text (above 18pt) WCAG AA ✓ Pass

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

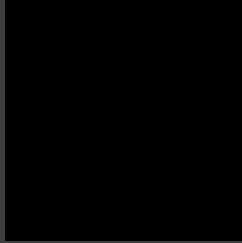
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

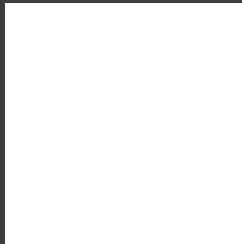
Any Text WCAG AAA × Fail

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

Hex 3E3D40 Background



This preview shows how black text looks on a background with the Hex color 3E3D40.



This preview shows how white text looks on a background with the Hex color 3E3D40.

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
3E3D40

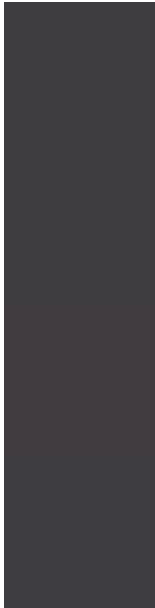
Protanopia
3E3D40

Deuteranopia
423C40



Tritanopia
3E3D42

Trichromacy



Original Color

3E3D40

Protanomaly

3E3D40

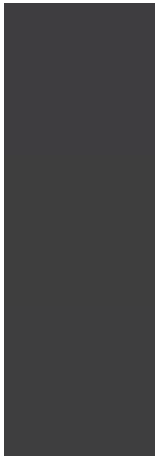
Deuteranomaly

413C40

Tritanomaly

3E3D41

Monochromacy



Original Color

3E3D40

Achromatopsia

3E3E3E

Achromatomaly

3E3E3F

CSS Examples

Text

The CSS property to change the color of the text to Hex 3E3D40 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 #3E3D40 looks like.

```
.text, #text, p{  
    color:#3E3D40  
}
```

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 #3E3D40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3E3D40
}
```

Border

The CSS property to change the border of an element to Hex 3E3D40 is called "border". The border property can be set on classes, ids or directly on the HTML element.

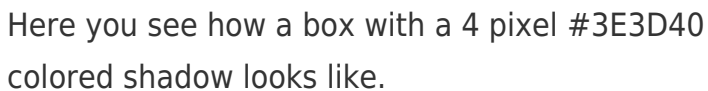
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3E3D40 }
```

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

```
.border{ border-color:#3E3D40 }
```

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



Here you see how a box with a 4 pixel #3E3D40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3E3D40; -webkit-box-shadow:4px 4px  
4px 4px #3E3D40; box-shadow:4px 4px 4px  
4px #3E3D40 }
```

Background

The CSS property to change the background color of an element to Hex 3E3D40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3E3D40 }
```

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

```
.background{ background-color:#3E3D40 }
```

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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