

# Converting Colors

Hex(3C3D3E)

Have a look what the booklet for  
Hex(3C3D3E) contains.

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# Color

Hex(3C3D3E)

# Conversions

## Conversions Part 1

Format	Color
Hex	3C3D3E
RGB	60, 61, 62
RGB Percent	24%, 24%, 24%
CMY	0.7647, 0.7608, 0.7569
CMYK	0.03, 0.02, 0.00, 0.76
HSL	210°, 2%, 24%
HSV	210°, 3%, 24%
XYZ	4.4017, 4.6459, 5.2222
YIQ	60.8150, -0.9170, 0.0990

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	60, 61, 62
Decimal	3947838
CIE Lab	25.70, -0.19, -0.77
CIE LCh	26, 0.790, 255.965
Yxy	4.6459, 0.3085, 0.3256
Android (android.graphics.Color)	4282137918 (0xFF3C3D3E)
YUV	60.8150, 0.5842, -0.7148
Hunter-Lab	21.5545, -1.2681, 0.7234

# Details

The Hex color **3C3D3E** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3E3D3C**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **6B6C6D**, and **121314** is the 20% darker color. If you saturate the color by 10%, you get **363A3E**, and if you desaturate by 10%, it is **42403E**.

# Distribution



Red (24%)

Green (24%)

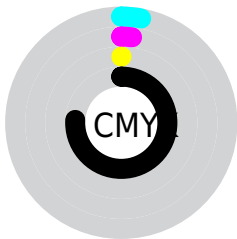
Blue (24%)



Red (24%)

Yellow (24%)

Blue (24%)



Cyan (3%)

Magenta (2%)

Yellow (0%)

Black (76%)



Cyan (76%)

Magenta (76%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3C3D3E 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 3C3D3E by changing the saturation by 10% instead.





3C3D3E



3C3D3E

FFFFFF



262728



6B6C6D



121314



848687



000000



9FA0A1



B9BBBC



D5D6D8



F2F3F4



3C3D3E



3C3D3E



363A3E



42403E

■ 30373E

■ 48433E

■ 29343E

■ 4F463E

■ 23313E

■ 55493E

■ 1D2E3E

■ 5B4C3E

■ 172A3E

■ 61503E

■ 11273E

■ 67533E

■ 0A243E

■ 6E563E

■ 04213E

■ 74593E

# Harmonies

## Analogous

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



3C3D3E



3D3D3E

# Triad

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



3C3D3E



3E3C3D



3C3D3C

# Complementary

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



3C3D3E



3E3D3C

# 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.



3D3D3C



3C3D3E



3E3D3C

# Square

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



3C3D3E



3E3D3D



3E3D3C



3C3D3D

# Rectangle

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



3C3D3E



3D3D3E



3E3D3C



3D3D3C



# Sweetspot

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



3C3D3E



515152



3C3E3D



282929



A8A8A8



292929



# Same Dimension

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



3C3D3E



4E5052



3C3C3E



1D1E1F



002F5E



006FDE



# Inverse Universe

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



3E3C3D



524E50



3E3E3C



1F1D1E



5E002F



DE006F



# Previews

## White Background



This preview shows how the Hex color 3C3D3E looks on a white background.

## Color Contrast Check

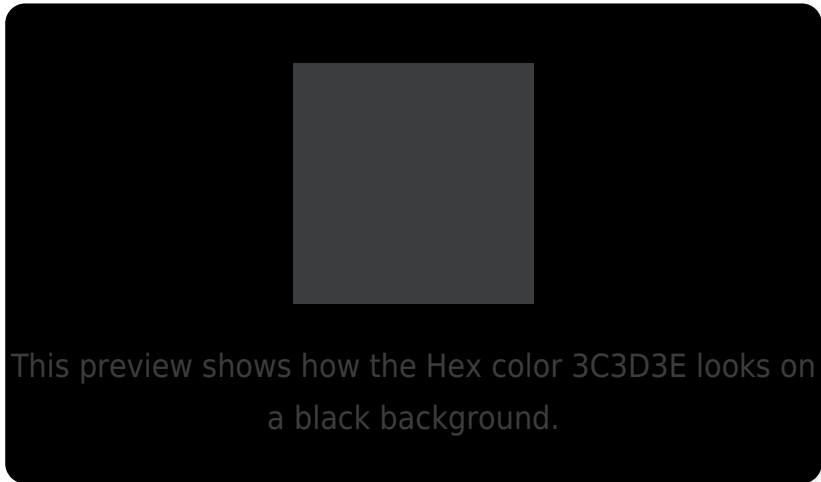
Large Text (above 18pt) WCAG AA ✓ Pass

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

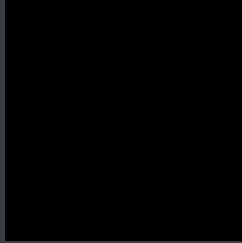
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

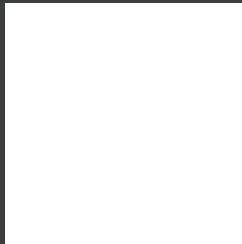
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 3C3D3E Background



This preview shows how black text looks on a background with the Hex color 3C3D3E.



This preview shows how white text looks on a background with the Hex color 3C3D3E.

# 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**

3C3D3E

**Protanopia**

3E3D3E

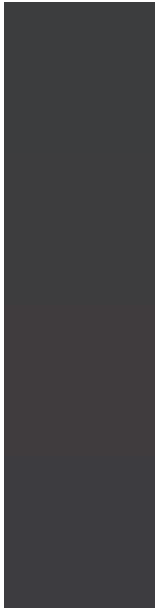
**Deuteranopia**

423B3E



**Tritanopia**  
3D3C41

# Trichromacy



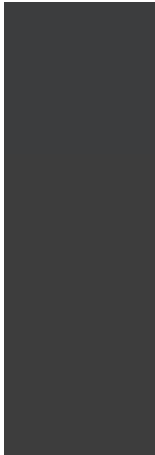
**Original Color**  
3C3D3E

**Protanomaly**  
3D3D3E

**Deuteranomaly**  
403C3E

**Tritanomaly**  
3D3C40

# Monochromacy



**Original Color**  
3C3D3E

**Achromatopsia**  
3D3D3D

**Achromatomaly**  
3D3D3D

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3C3D3E 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 #3C3D3E looks like.

```
.text, #text, p{  
    color:#3C3D3E  
}
```

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 #3C3D3E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C3D3E
}
```

## Border

The CSS property to change the border of an element to Hex 3C3D3E is called "border". The border property can be set on classes, ids or directly on the HTML element.

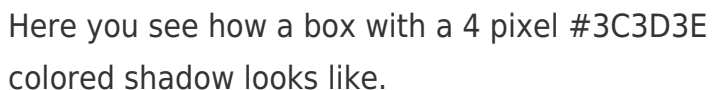
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3C3D3E }
```

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

```
.border{ border-color:#3C3D3E }
```

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



Here you see how a box with a 4 pixel #3C3D3E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C3D3E; -webkit-box-shadow:4px 4px  
4px 4px #3C3D3E; box-shadow:4px 4px 4px  
4px #3C3D3E }
```

# Background

The CSS property to change the background color of an element to Hex 3C3D3E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C3D3E }
```

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

```
.background{ background-color:#3C3D3E }
```

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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