

# Converting Colors

Hex(3D373A)

Have a look what the booklet for  
Hex(3D373A) contains.

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# Color

**Hex(3D373A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3D373A
RGB	61, 55, 58
RGB Percent	24%, 22%, 23%
CMY	0.7608, 0.7843, 0.7725
CMYK	0.00, 0.10, 0.05, 0.76
HSL	330°, 5%, 23%
HSV	330°, 10%, 24%
XYZ	4.0544, 4.0300, 4.5672
YIQ	57.1360, 2.6130, 2.2050

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>RYB</b>	61, 55, 58
Decimal	4011834
CIELab	23.77, 3.28, -0.92
CIELCh	24, 3.406, 344.309
Yxy	4.0300, 0.3205, 0.3185
Android (android.graphics.Color)	4282201914 (0xFF3D373A)
YUV	57.1360, 0.4260, 3.3887
Hunter-Lab	20.0748, 0.9197, 0.5634

# Details

The Hex color **3D373A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **373D3A**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **6C6669**, and **130B0F** is the 20% darker color. If you saturate the color by 10%, you get **3D3137**, and if you desaturate by 10%, it is **3D3D3D**.

# Distribution



Red (24%)

Green (22%)

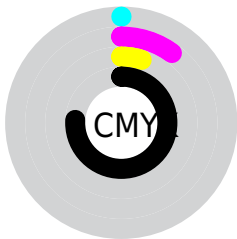
Blue (23%)



Red (24%)

Yellow (22%)

Blue (23%)



Cyan (0%)

Magenta (10%)

Yellow (5%)

Black (76%)



Cyan (76%)

Magenta (78%)

Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3D373A 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 3D373A by changing the saturation by 10% instead.





3D373A



3D373A

FFFFFF



272224



6C6669



130B0F



867F82



000000



A0999C



BBB3B7



D6CFD3



F3EBEF



3D373A



3D373A



3D3137



3D3D3D

■ 3D2B34

■ 3D4340

■ 3D2531

■ 3D4943

■ 3D1F2E

■ 3D4F46

■ 3D192B

■ 3D5649

■ 3D1228

■ 3D5C4C

■ 3D0C25

■ 3D624F

■ 3D0622

■ 3D6852

■ 3D001F

■ 3D6E55

# Harmonies

## Analogous

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



3B383C



3D373A



3E3737

# Triad

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



3D373A



393934



333A3C

# Complementary

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



3D373A



373D3A

# 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.



323A3A



3D373A



363A35

# Square

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



3D373A



3C3834



343A37



35393D

# Rectangle

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



3D373A



3E3736



343A37



323A3B



# Sweetspot

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



3D373A



4F4D4E



3A373D



292728



A8A8A8



292929



# Same Dimension

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



3D373A



4F464A



3D3737



1F1C1D



5E002F



DE006F



# Inverse Universe

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



3D373A



4F464A



373D3D



1F1C1D



5E002F



DE006F



# Previews

## White Background



This preview shows how the Hex color 3D373A looks on a white background.

## Color Contrast Check

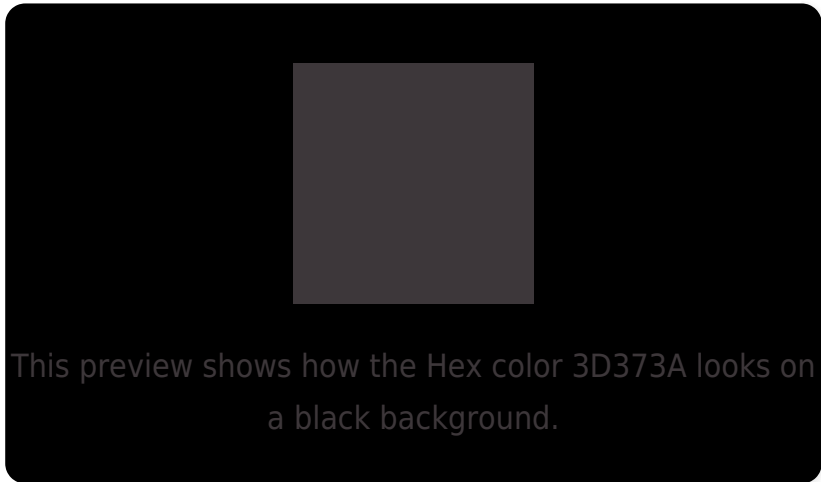
Large Text (above 18pt) WCAG AA ✓ Pass

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

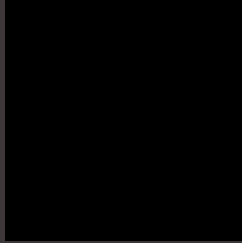
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 3D373A Background



This preview shows how black text looks on a background with the Hex color 3D373A.

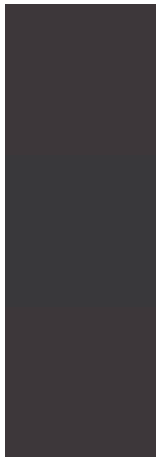


This preview shows how white text looks on a background with the Hex color 3D373A.

# 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**  
3D373A

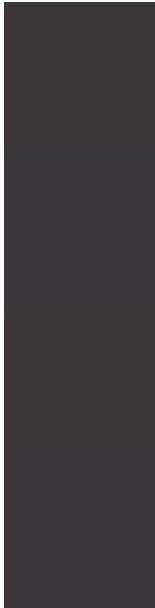
**Protanopia**  
39383B

**Deuteranopia**  
3D373A



**Tritanopia**  
3D373B

# Trichromacy



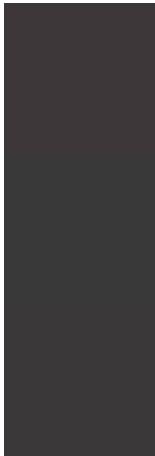
**Original Color**  
3D373A

**Protanomaly**  
3A383B

**Deuteranomaly**  
3D373A

**Tritanomaly**  
3D373B

# Monochromacy



**Original Color**  
3D373A

**Achromatopsia**  
393939

**Achromatomaly**  
3A3839

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3D373A 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 #3D373A looks like.

```
.text, #text, p{  
    color:#3D373A  
}
```

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 #3D373A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D373A
}
```

## Border

The CSS property to change the border of an element to Hex 3D373A is called "border". The border property can be set on classes, ids or directly on the HTML element.

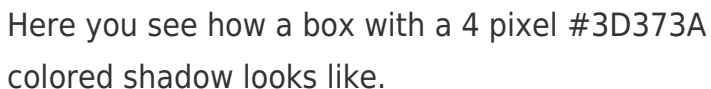
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3D373A }
```

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

```
.border{ border-color:#3D373A }
```

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



Here you see how a box with a 4 pixel #3D373A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D373A; -webkit-box-shadow:4px 4px  
4px 4px #3D373A; box-shadow:4px 4px 4px  
4px #3D373A }
```

# Background

The CSS property to change the background color of an element to Hex 3D373A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D373A }
```

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

```
.background{ background-color:#3D373A }
```

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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