

# Converting Colors

Hex(38373A)

Have a look what the booklet for  
Hex(38373A) contains.

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# Color

**Hex(38373A)**

# Conversions

## Conversions Part 1

Format	Color
Hex	38373A
RGB	56, 55, 58
RGB Percent	22%, 22%, 23%
CMY	0.7804, 0.7843, 0.7725
CMYK	0.03, 0.05, 0.00, 0.77
HSL	260°, 3%, 22%
HSV	260°, 5%, 23%
XYZ	3.7608, 3.8786, 4.5534
YIQ	55.6410, -0.3670, 1.1450

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	56, 55, 58
Decimal	3684154
CIE Lab	23.27, 1.13, -1.72
CIE LCh	23, 2.058, 303.277
Yxy	3.8786, 0.3084, 0.3181
Android (android.graphics.Color)	4281874234 (0xFF38373A)
YUV	55.6410, 1.1630, 0.3148
Hunter-Lab	19.6942, -0.3786, 0.0777

# Details

The Hex color **38373A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **393A37**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **676669**, and **0D0B0F** is the 20% darker color. If you saturate the color by 10%, you get **34313A**, and if you desaturate by 10%, it is **3C3D3A**.

# Distribution



 Red (22%)

 Green (22%)

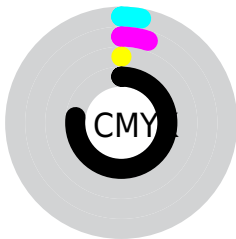
 Blue (23%)



 Red (22%)

 Yellow (22%)

 Blue (23%)

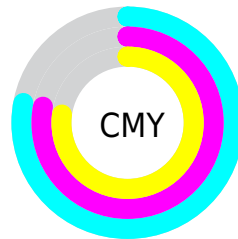


 Cyan (3%)

 Magenta (5%)

 Yellow (0%)

 Black (77%)



 Cyan (78%)

 Magenta (78%)

 Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 38373A 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 38373A by changing the saturation by 10% instead.





38373A



38373A

FFFFFF



232224



676669



0D0B0F



807F82



000000



9A999C



B5B3B7



D0CFD3



ECEBEF



38373A



38373A



34313A



3C3D3A

■ 302B3A

■ 40433A

■ 2C263A

■ 44483A

■ 29203A

■ 474E3A

■ 251A3A

■ 4B543A

■ 21143A

■ 4F5A3A

■ 1D0E3A

■ 53603A

■ 19093A

■ 57653A

■ 15033A

■ 5B6B3A

# Harmonies

## Analogous

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



36383A



38373A



3A3739

# Triad

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



38373A



3A3735



343838

# Complementary

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



38373A



393A37

# 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.



353836



38373A



393734

# Square

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



38373A



3B3736



373835



343839

# Rectangle

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



38373A



3A3638



373835



343837



# Sweetspot

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



38373A



4B4B4D



37393A



262526



A6A6A6



262626



# Same Dimension

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



38373A



49484D



39373A



1B1A1C



1F005C



4900DB



# Inverse Universe

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



3A3739



4D484B



383A37



1C1A1B



5C003D

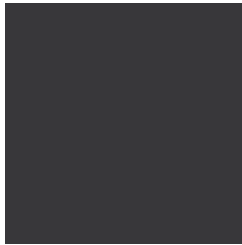


DB0092



# Previews

## White Background



This preview shows how the Hex color 38373A looks on a white background.

## Color Contrast Check

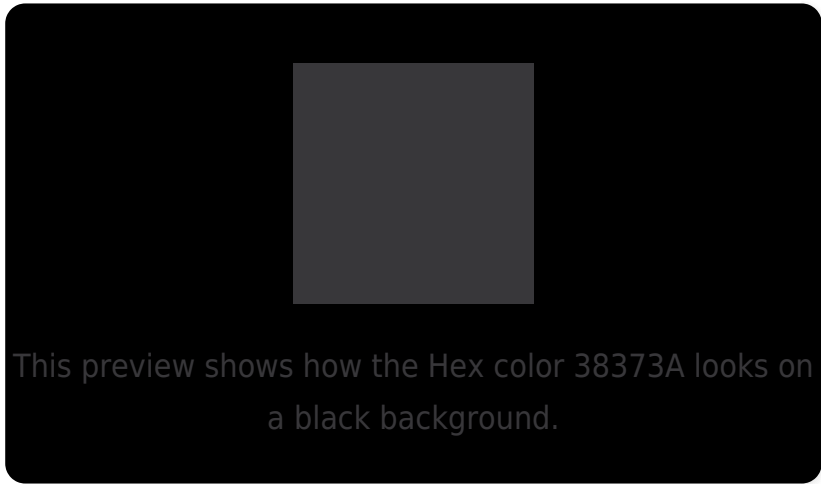
Large Text (above 18pt) WCAG AA ✓ Pass

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

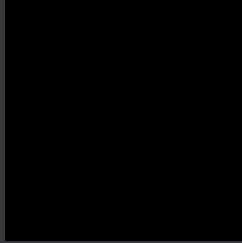
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

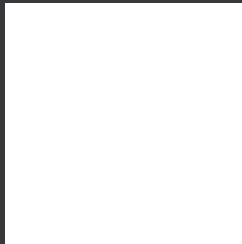
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 38373A Background



This preview shows how black text looks on a background with the Hex color 38373A.



This preview shows how white text looks on a background with the Hex color 38373A.

# 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**  
38373A

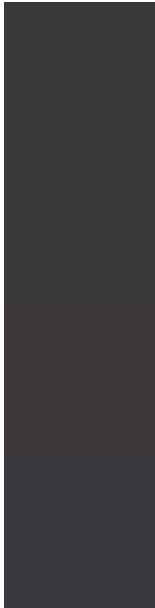
**Protanopia**  
38373A

**Deuteranopia**  
3C363A



**Tritanopia**  
38373B

# Trichromacy



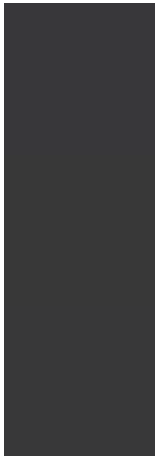
**Original Color**  
38373A

**Protanomaly**  
38373A

**Deuteranomaly**  
3B363A

**Tritanomaly**  
38373B

# Monochromacy



**Original Color**  
38373A

**Achromatopsia**  
383838

**Achromatomaly**  
383839

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 38373A 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 #38373A looks like.

```
.text, #text, p{  
    color:#38373A  
}
```

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 #38373A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #38373A
}
```

## Border

The CSS property to change the border of an element to Hex 38373A is called "border". The border property can be set on classes, ids or directly on the HTML element.

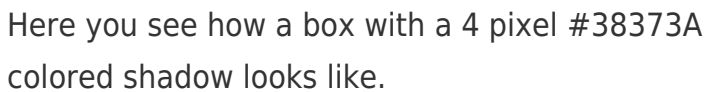
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#38373A }
```

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

```
.border{ border-color:#38373A }
```

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



Here you see how a box with a 4 pixel #38373A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #38373A; -webkit-box-shadow:4px 4px  
4px 4px #38373A; box-shadow:4px 4px 4px  
4px #38373A }
```

# Background

The CSS property to change the background color of an element to Hex 38373A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#38373A }
```

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

```
.background{ background-color:#38373A }
```

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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