

# Converting Colors

Hex(383C3D)

Have a look what the booklet for  
Hex(383C3D) contains.

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# Color

Hex(383C3D)

# Conversions

## Conversions Part 1

Format	Color
Hex	383C3D
RGB	56, 60, 61
RGB Percent	22%, 24%, 24%
CMY	0.7804, 0.7647, 0.7608
CMYK	0.08, 0.02, 0.00, 0.76
HSL	192°, 4%, 23%
HSV	192°, 8%, 24%
XYZ	4.0891, 4.4094, 5.0505
YIQ	58.9180, -2.7050, -0.5370

# Conversions

## Conversions Part 2

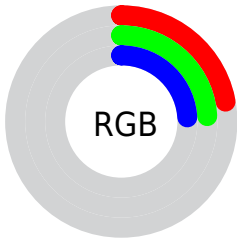
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	56, 58, 61
Decimal	3685437
CIE Lab	24.98, -1.44, -1.20
CIE LCh	25, 1.879, 219.792
Yxy	4.4094, 0.3018, 0.3254
Android (android.graphics.Color)	4281875517 (0xFF383C3D)
YUV	58.9180, 1.0264, -2.5591
Hunter-Lab	20.9986, -1.9881, 0.4389

# Details

The Hex color **383C3D** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3D3938**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **676B6C**, and **0D1213** is the 20% darker color. If you saturate the color by 10%, you get **323B3D**, and if you desaturate by 10%, it is **3E3D3D**.

# Distribution



Red (22%)

Green (24%)

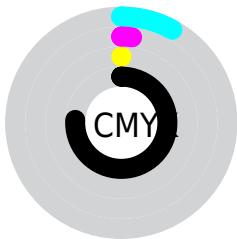
Blue (24%)



Red (22%)

Yellow (23%)

Blue (24%)



Cyan (8%)

Magenta (2%)

Yellow (0%)

Black (76%)



Cyan (78%)

Magenta (76%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 383C3D 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 383C3D by changing the saturation by 10% instead.



■ 383C3D

■ 383C3D

FFFFFF

■ 232627

■ 676B6C

■ 0D1213

■ 808486

■ 000000

■ 9A9FA0

■ B5B9BB

■ D0D5D6

■ ECF2F3

■ 383C3D

■ 383C3D

■ 323B3D

■ 3E3D3D

■ 2C3A3D

■ 443E3D

■ 26383D

■ 4A403D

■ 20373D

■ 50413D

■ 19363D

■ 57423D

■ 13353D

■ 5D433D

■ 0D333D

■ 63453D

■ 07323D

■ 69463D

■ 01313D

■ 6F473D

# Harmonies

## Analogous

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



383C3C



383C3D



393C3E

# Triad

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



383C3D



3E3A3C



3C3B38

# Complementary

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



383C3D



3D3938

# 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.



3D3B39



383C3D



3E3A3B

# Square

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



383C3D



3C3B3D



3E3A39



3A3C39

# Rectangle

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



383C3D



3A3B3E



3E3A39



3D3B38



# Sweetspot

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



383C3D



4D4F4F



383D39



282929



A8A8A8



292929



# Same Dimension

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



383C3D



474D4F



383A3D



1C1E1F



004B5E



00B1DE



# Inverse Universe

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



3D383C



4F474D



3D3C38



1F1C1E



5E004B

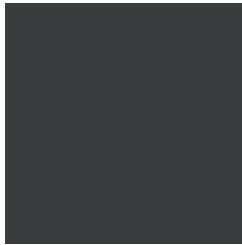


DE00B1



# Previews

## White Background



This preview shows how the Hex color 383C3D looks on a white background.

## Color Contrast Check

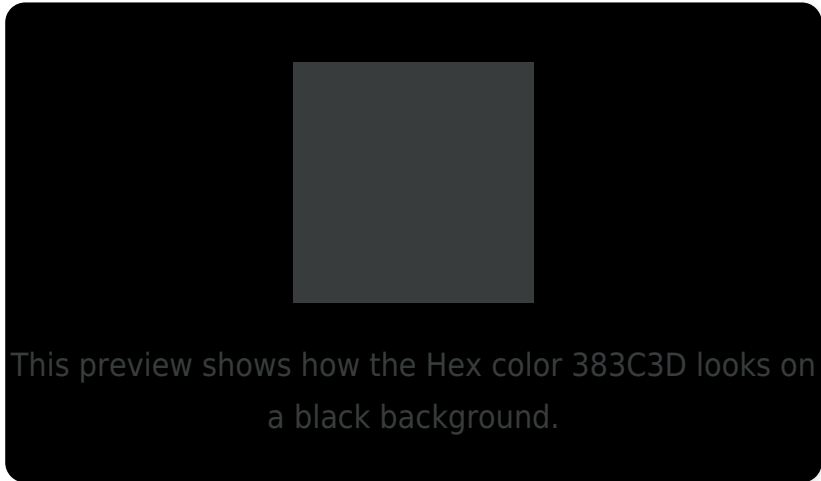
Large Text (above 18pt) WCAG AA ✓ Pass

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

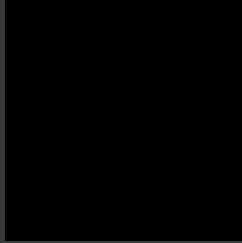
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

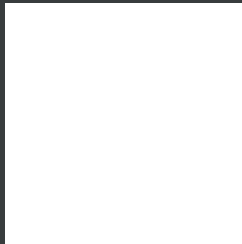
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 383C3D Background



This preview shows how black text looks on a background with the Hex color 383C3D.

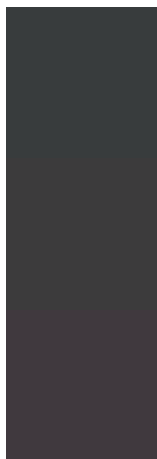


This preview shows how white text looks on a background with the Hex color 383C3D.

# 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](#).

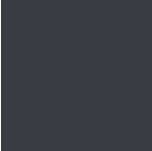
## Dichromacy



**Original Color**  
383C3D

**Protanopia**  
3C3B3C

**Deuteranopia**  
40393E



**Tritanopia**  
393B40

# Trichromacy



**Original Color**

383C3D

**Protanomaly**

3B3B3C

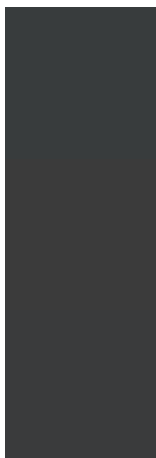
**Deuteranomaly**

3D3A3E

**Tritanomaly**

393B3F

# Monochromacy



**Original Color**

383C3D

**Achromatopsia**

3B3B3B

**Achromatomaly**

3A3B3C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 383C3D 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 #383C3D looks like.

```
.text, #text, p{  
    color:#383C3D  
}
```

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 #383C3D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #383C3D
}
```

## Border

The CSS property to change the border of an element to Hex 383C3D is called "border". The border property can be set on classes, ids or directly on the HTML element.

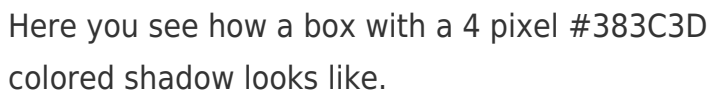
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#383C3D }
```

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

```
.border{ border-color:#383C3D }
```

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



Here you see how a box with a 4 pixel #383C3D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #383C3D; -webkit-box-shadow:4px 4px  
4px 4px #383C3D; box-shadow:4px 4px 4px  
4px #383C3D }
```

# Background

The CSS property to change the background color of an element to Hex 383C3D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#383C3D }
```

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

```
.background{ background-color:#383C3D }
```

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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