

# Converting Colors

Hex(383E31)

Have a look what the booklet for  
Hex(383E31) contains.

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# Color

**Hex(383E31)**

# Conversions

## Conversions Part 1

Format	Color
Hex	383E31
RGB	56, 62, 49
RGB Percent	22%, 24%, 19%
CMY	0.7804, 0.7569, 0.8078
CMYK	0.10, 0.00, 0.21, 0.76
HSL	88°, 12%, 22%
HSV	88°, 21%, 24%
XYZ	3.9079, 4.5078, 3.5698
YIQ	58.7240, 0.5970, -5.3150

# Conversions

## Conversions Part 2

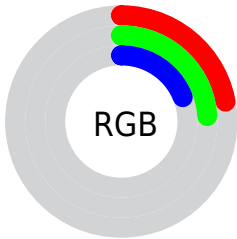
<b>Format</b>	<b>Color</b>
<b>RYB</b>	49, 62, 55
Decimal	3685937
CIELab	25.28, -5.37, 7.17
CIELCh	25, 8.958, 126.866
Yxy	4.5078, 0.3261, 0.3761
Android (android.graphics.Color)	4281876017 (0xFF383E31)
YUV	58.7240, -4.7939, -2.3889
Hunter-Lab	21.2315, -4.3002, 4.8930

# Details

The Hex color **383E31** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **37313E**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **676D5F**, and **0D1402** is the 20% darker color. If you saturate the color by 10%, you get **353E2B**, and if you desaturate by 10%, it is **3B3E37**.

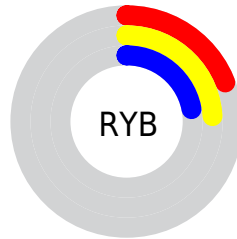
# Distribution



Red (22%)

Green (24%)

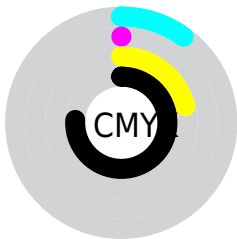
Blue (19%)



Red (19%)

Yellow (24%)

Blue (22%)

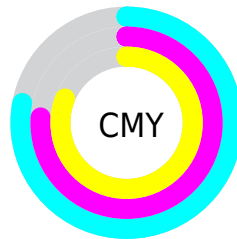


Cyan (10%)

Magenta (0%)

Yellow (21%)

Black (76%)



Cyan (78%)

Magenta (76%)

Yellow (81%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 383E31 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 383E31 by changing the saturation by 10% instead.





383E31



383E31

FFFFFF



22281C



676D5F



0D1402



808778



000000



9AA192



B5BCAC



D0D8C7



EDF4E3



383E31



383E31



353E2B



3B3E37

■ 323E25

■ 3E3E3D

■ 2F3E1E

■ 413E44

■ 2D3E18

■ 433E4A

■ 2A3E12

■ 463E50

■ 273E0C

■ 493E56

■ 243E06

■ 4C3E5C

■ 213E00

■ 4F3E63

■ 523E69

# Harmonies

## Analogous

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



403C2F



383E31



303F36

# Triad

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



383E31



2E3E48



4A373B

# Complementary

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



383E31



37313E

# 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.



463841



383E31



363C49

# Square

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



383E31



2A3F44



3F3A47



4A3834

# Rectangle

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



383E31



2C403B



3F3A47



49373D



# Sweetspot

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



383E31



4F524D



3E3731



272926



A8A8A8



292929



# Same Dimension

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



383E31



48523D



323E31



1D1F1C



335E00



77DE00



# Inverse Universe

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



37313E



473D52



3D313E



1D1C1F



2C005E



6600DE



# Previews

## White Background



This preview shows how the Hex color 383E31 looks on a white background.

## Color Contrast Check

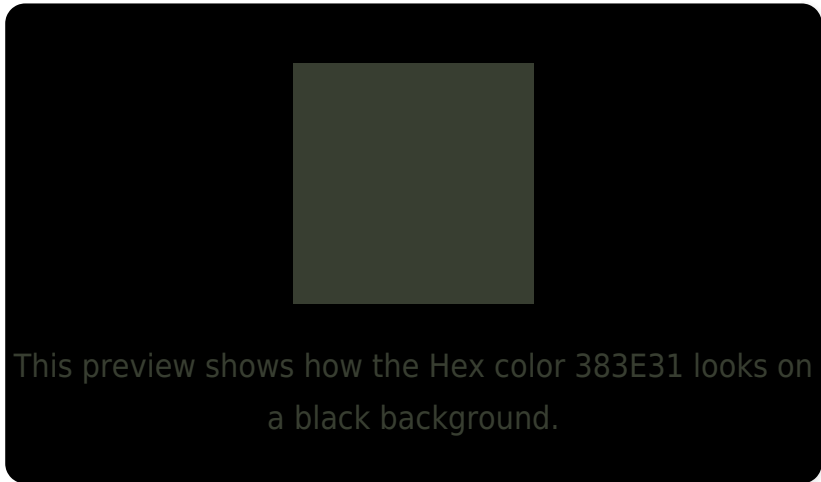
Large Text (above 18pt) WCAG AA ✓ Pass

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

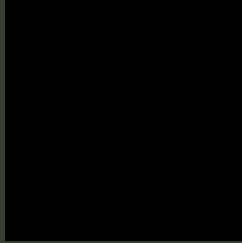
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 383E31 Background



This preview shows how black text looks on a background with the Hex color 383E31.

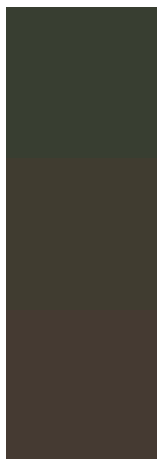


This preview shows how white text looks on a background with the Hex color 383E31.

# 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**  
383E31

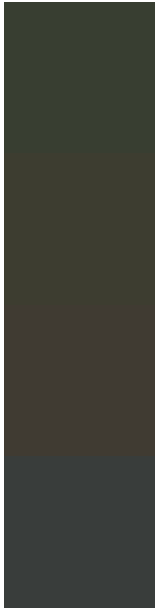
**Protanopia**  
403C30

**Deuteranopia**  
453A32



**Tritanopia**  
3A3C41

# Trichromacy



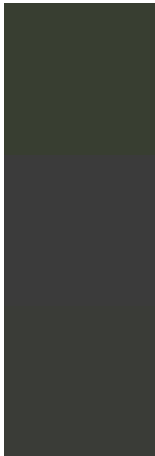
**Original Color**  
383E31

**Protanomaly**  
3D3D30

**Deuteranomaly**  
403B32

**Tritanomaly**  
393D3B

# Monochromacy



**Original Color**  
383E31

**Achromatopsia**  
3B3B3B

**Achromatomaly**  
3A3C37

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 383E31 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 #383E31 looks like.

```
.text, #text, p{  
    color:#383E31  
}
```

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 #383E31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #383E31
}
```

## Border

The CSS property to change the border of an element to Hex 383E31 is called "border". The border property can be set on classes, ids or directly on the HTML element.

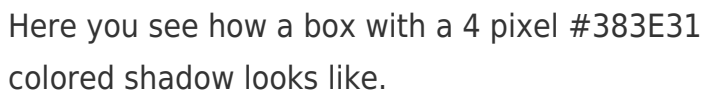
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#383E31 }
```

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

```
.border{ border-color:#383E31 }
```

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



Here you see how a box with a 4 pixel #383E31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #383E31; -webkit-box-shadow:4px 4px  
4px 4px #383E31; box-shadow:4px 4px 4px  
4px #383E31 }
```

# Background

The CSS property to change the background color of an element to Hex 383E31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#383E31 }
```

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

```
.background{ background-color:#383E31 }
```

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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