

Converting Colors

Hex(3C3E33)

Have a look what the booklet for
Hex(3C3E33) contains.

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Color

Hex(3C3E33)

Conversions

Conversions Part 1

Format	Color
Hex	3C3E33
RGB	60, 62, 51
RGB Percent	24%, 24%, 20%
CMY	0.7647, 0.7569, 0.8000
CMYK	0.03, 0.00, 0.18, 0.76
HSL	71°, 10%, 22%
HSV	71°, 18%, 24%
XYZ	4.1836, 4.6449, 3.8080
YIQ	60.1480, 2.3390, -3.8450

Conversions

Conversions Part 2

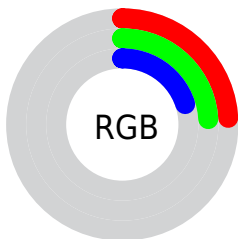
Format	Color
R_{YB}	51, 62, 53
Decimal	3948083
CIE Lab	25.70, -3.19, 6.49
CIE LCh	26, 7.232, 116.209
Yxy	4.6449, 0.3311, 0.3676
Android (android.graphics.Color)	4282138163 (0xFF3C3E33)
YUV	60.1480, -4.5100, -0.1298
Hunter-Lab	21.5521, -3.0661, 4.6105

Details

The Hex color **3C3E33** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **35333E**, and the grayscale version is **3C3C3C**.

A 20% lighter version of the original color is **6B6D61**, and **121405** is the 20% darker color. If you saturate the color by 10%, you get **3B3E2D**, and if you desaturate by 10%, it is **3D3E39**.

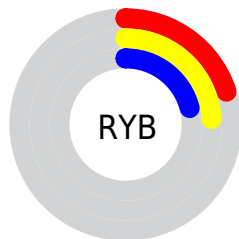
Distribution



Red (24%)

Green (24%)

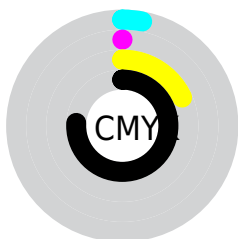
Blue (20%)



Red (20%)

Yellow (24%)

Blue (21%)

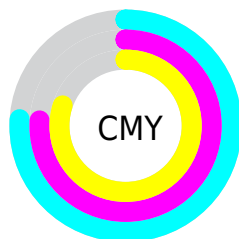


Cyan (3%)

Magenta (0%)

Yellow (18%)

Black (76%)



Cyan (76%)

Magenta (76%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C3E33 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 3C3E33 by changing the saturation by 10% instead.

■ 3C3E33

■ 3C3E33

FFFFFF

■ 26281E

■ 6B6D61

■ 121405

■ 85877A

■ 000000

■ 9FA194

■ BABCAF

■ D5D8CA

■ F2F4E6

■ 3C3E33

■ 3C3E33

■ 3B3E2D

■ 3D3E39

■ 3A3E27

■ 3E3E3F

■ 393E20

■ 3F3E46

■ 373E1A

■ 413E4C

■ 363E14

■ 423E52

■ 353E0E

■ 433E58

■ 343E08

■ 443E5E

■ 333E01

■ 453E65

■ 333E00

■ 463E6B

Harmonies

Analogous

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



423C32



3C3E33



363F37

Triad

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



3C3E33



313F46



47393E

Complementary

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



3C3E33



35333E

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.



433A43



3C3E33



363E48

Square

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



3C3E33



2F4041



3D3C47



493938

Rectangle

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



3C3E33



32403A



3D3C47



463940

Sweetspot

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



3C3E33



51524E



3E3533



282926



A8A8A8



292929

Same Dimension

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



3C3E33



4E5240



373E33



1E1F1C



4D5E00



B6DE00

Inverse Universe

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



35333E



444052



3A333E



1C1C1F



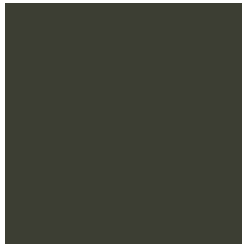
11005E



2800DE

Previews

White Background



This preview shows how the Hex color 3C3E33 looks on a white background.

Color Contrast Check

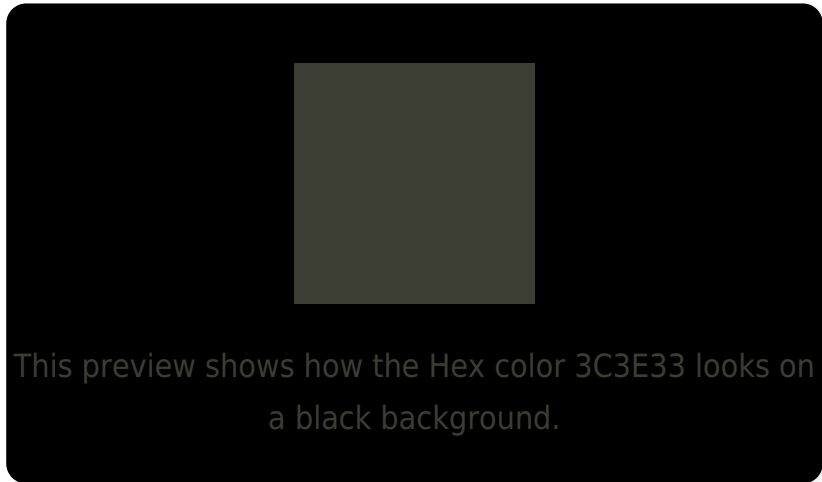
Large Text (above 18pt) WCAG AA ✓ Pass

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

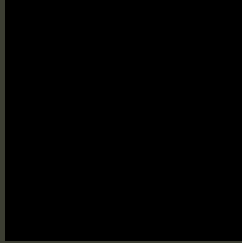
Any Text WCAG AA × Fail

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 3C3E33 Background



This preview shows how black text looks on a background with the Hex color 3C3E33.

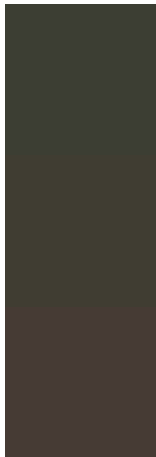


This preview shows how white text looks on a background with the Hex color 3C3E33.

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
3C3E33

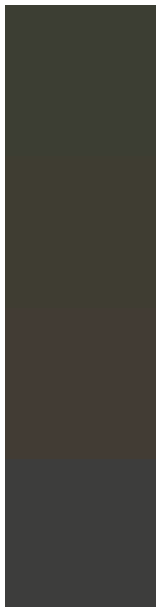
Protanopia
403D32

Deuteranopia
463B34



Tritanopia
3E3C41

Trichromacy



Original Color

3C3E33

Protanomaly

3F3D32

Deuteranomaly

423C34

Tritanomaly

3D3D3C

Monochromacy



Original Color

3C3E33

Achromatopsia

3C3C3C

Achromatomaly

3C3D39

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C3E33 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 #3C3E33 looks like.

```
.text, #text, p{  
    color:#3C3E33  
}
```

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 #3C3E33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C3E33
}
```

Border

The CSS property to change the border of an element to Hex 3C3E33 is called "border". The border property can be set on classes, ids or directly on the HTML element.

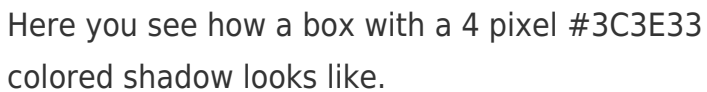
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3C3E33 }
```

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

```
.border{ border-color:#3C3E33 }
```

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



Here you see how a box with a 4 pixel #3C3E33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C3E33; -webkit-box-shadow:4px 4px  
4px 4px #3C3E33; box-shadow:4px 4px 4px  
4px #3C3E33 }
```

Background

The CSS property to change the background color of an element to Hex 3C3E33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C3E33 }
```

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

```
.background{ background-color:#3C3E33 }
```

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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