

Converting Colors

Hex(3C3C33)

Have a look what the booklet for
Hex(3C3C33) contains.

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Color

Hex(3C3C33)

Conversions

Conversions Part 1

Format	Color
Hex	3C3C33
RGB	60, 60, 51
RGB Percent	24%, 24%, 20%
CMY	0.7647, 0.7647, 0.8000
CMYK	0.00, 0.00, 0.15, 0.76
HSL	60°, 8%, 22%
HSV	60°, 15%, 24%
XYZ	4.0769, 4.4314, 3.7724
YIQ	58.9740, 2.8890, -2.7990

Conversions

Conversions Part 2

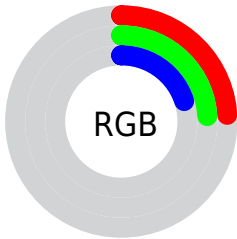
Format	Color
RYB	51, 60, 51
Decimal	3947571
CIELab	25.05, -1.91, 5.57
CIELCh	25, 5.893, 108.927
Yxy	4.4314, 0.3320, 0.3608
Android (android.graphics.Color)	4282137651 (0xFF3C3C33)
YUV	58.9740, -3.9312, 0.8998
Hunter-Lab	21.0509, -2.2693, 4.1105

Details

The Hex color **3C3C33** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **33333C**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **6B6B61**, and **121205** is the 20% darker color. If you saturate the color by 10%, you get **3C3C2D**, and if you desaturate by 10%, it is **3C3C39**.

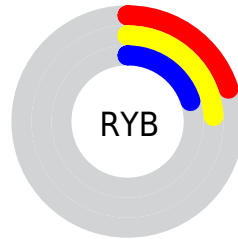
Distribution



Red (24%)

Green (24%)

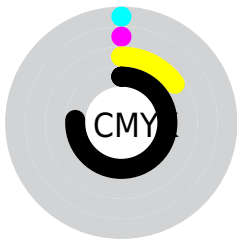
Blue (20%)



Red (20%)

Yellow (24%)

Blue (20%)

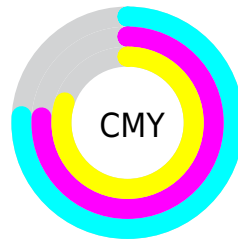


Cyan (0%)

Magenta (0%)

Yellow (15%)

Black (76%)



Cyan (76%)

Magenta (76%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C3C33 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 3C3C33 by changing the saturation by 10% instead.



3C3C33



3C3C33

FFFFFF



26261E



6B6B61



121205



85847A



000000



9F9F94



BAB9AE



D5D5CA



F2F1E6



3C3C33



3C3C33



3C3C2D



3C3C39

■ 3C3C27

■ 3C3C3F

■ 3C3C21

■ 3C3C45

■ 3C3C1B

■ 3C3C4B

■ 3C3C15

■ 3C3C51

■ 3C3C0F

■ 3C3C57

■ 3C3C09

■ 3C3C5D

■ 3C3C03

■ 3C3C63

■ 3C3C00

■ 3C3C69

Harmonies

Analogous

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



413B33



3C3C33



373D35

Triad

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



3C3C33



313D42



44393D

Complementary

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



3C3C33



33333C

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.



403941



3C3C33



353C44

Square

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



3C3C33



303E3E



3A3B44



453839

Rectangle

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



3C3C33



343E38



3A3B44



42393F

Sweetspot

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



3C3C33



4F4F4B



3C3333



292926



A8A8A8



292929

Same Dimension

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



3C3C33



4F4F41



373C33



1F1F1C



5E5E00



DEDE00

Inverse Universe

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



33333C



41414F



37333C



1C1C1F



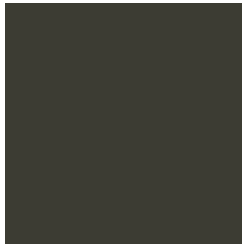
00005E



0000DE

Previews

White Background



This preview shows how the Hex color 3C3C33 looks on a white background.

Color Contrast Check

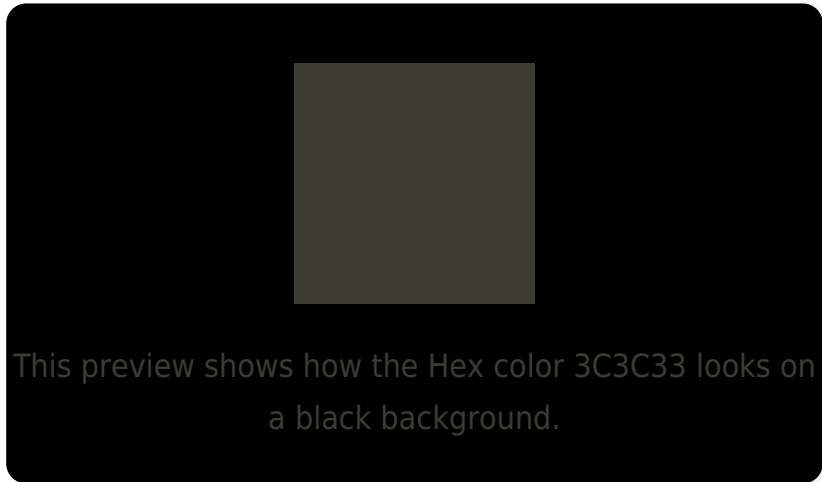
Large Text (above 18pt) WCAG AA ✓ Pass

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

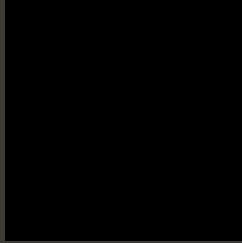
Any Text WCAG AA × Fail

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 3C3C33 Background



This preview shows how black text looks on a background with the Hex color 3C3C33.



This preview shows how white text looks on a background with the Hex color 3C3C33.

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
3C3C33

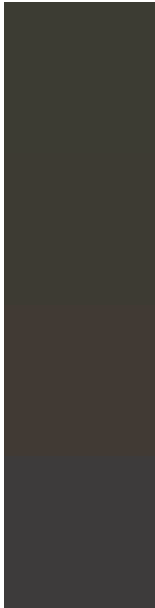
Protanopia
3E3B33

Deuteranopia
443934



Tritanopia
3E3A3F

Trichromacy



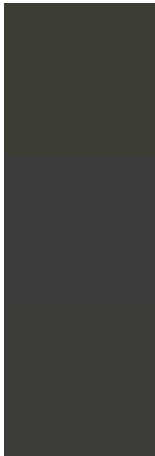
Original Color
3C3C33

Protanomaly
3D3B33

Deuteranomaly
413A34

Tritanomaly
3D3B3B

Monochromacy



Original Color
3C3C33

Achromatopsia
3B3B3B

Achromatomaly
3B3B38

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C3C33 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 #3C3C33 looks like.

```
.text, #text, p{  
    color:#3C3C33  
}
```

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 #3C3C33 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C3C33
}
```

Border

The CSS property to change the border of an element to Hex 3C3C33 is called "border". The border property can be set on classes, ids or directly on the HTML element.

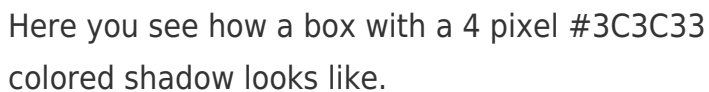
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3C3C33 }
```

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

```
.border{ border-color:#3C3C33 }
```

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



Here you see how a box with a 4 pixel #3C3C33 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C3C33; -webkit-box-shadow:4px 4px  
4px 4px #3C3C33; box-shadow:4px 4px 4px  
4px #3C3C33 }
```

Background

The CSS property to change the background color of an element to Hex 3C3C33 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C3C33 }
```

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

```
.background{ background-color:#3C3C33 }
```

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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