

Converting Colors

Hex(3C3C37)

Have a look what the booklet for
Hex(3C3C37) contains.

Hex(3C3C37)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(3C3C37)

Conversions

Conversions Part 1

Format	Color
Hex	3C3C37
RGB	60, 60, 55
RGB Percent	24%, 24%, 22%
CMY	0.7647, 0.7647, 0.7843
CMYK	0.00, 0.00, 0.08, 0.76
HSL	60°, 4%, 23%
HSV	60°, 8%, 24%
XYZ	4.1689, 4.4682, 4.2572
YIQ	59.4300, 1.6050, -1.5550

Conversions

Conversions Part 2

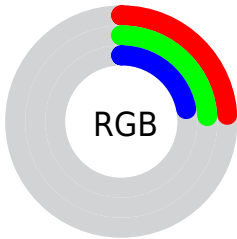
Format	Color
R_{YB}	55, 60, 55
Decimal	3947575
CIE Lab	25.16, -1.09, 3.09
CIE LCh	25, 3.276, 109.480
Yxy	4.4682, 0.3233, 0.3465
Android (android.graphics.Color)	4282137655 (0xFF3C3C37)
YUV	59.4300, -2.1840, 0.4999
Hunter-Lab	21.1381, -1.7875, 2.8559

Details

The Hex color **3C3C37** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **37373C**, and the grayscale version is **3B3B3B**.

A 20% lighter version of the original color is **6B6B66**, and **12120B** is the 20% darker color. If you saturate the color by 10%, you get **3C3C31**, and if you desaturate by 10%, it is **3C3C3D**.

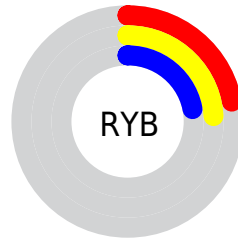
Distribution



Red (24%)

Green (24%)

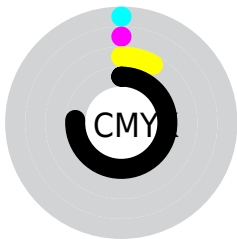
Blue (22%)



Red (22%)

Yellow (24%)

Blue (22%)

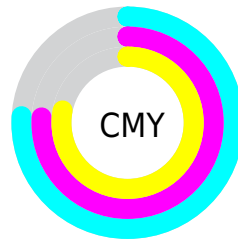


Cyan (0%)

Magenta (0%)

Yellow (8%)

Black (76%)



Cyan (76%)

Magenta (76%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C3C37 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 3C3C37 by changing the saturation by 10% instead.

■ 3C3C37

■ 3C3C37

FFFFFF

■ 262622

■ 6B6B66

■ 12120B

■ 84847F

■ 000000

■ 9F9F99

■ BAB9B3

■ D5D5CF

■ F2F1EB

■ 3C3C37

■ 3C3C37

■ 3C3C31

■ 3C3C3D

■ 3C3C2B

■ 3C3C43

■ 3C3C25

■ 3C3C49

■ 3C3C1F

■ 3C3C4F

■ 3C3C19

■ 3C3C55

■ 3C3C13

■ 3C3C5B

■ 3C3C0D

■ 3C3C61

■ 3C3C07

■ 3C3C67

■ 3C3C01

■ 3C3C6D

Harmonies

Analogous

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



3F3B37



3C3C37



393D38

Triad

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



3C3C37



363D3F



403A3D

Complementary

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



3C3C37



37373C

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.



3E3B3F



3C3C37



383C40

Square

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



3C3C37



363D3D



3B3B40



413A3A

Rectangle

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



3C3C37



373D3A



3B3B40



403A3D

Sweetspot

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



3C3C37



4F4F4D



3C3737



292927



A8A8A8



292929

Same Dimension

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



3C3C37



4F4F47



393C37



1F1F1C



5E5E00



DEDE00

Inverse Universe

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



37373C



47474F



39373C



1C1C1F



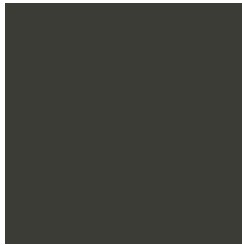
00005E



0000DE

Previews

White Background



This preview shows how the Hex color 3C3C37 looks on a white background.

Color Contrast Check

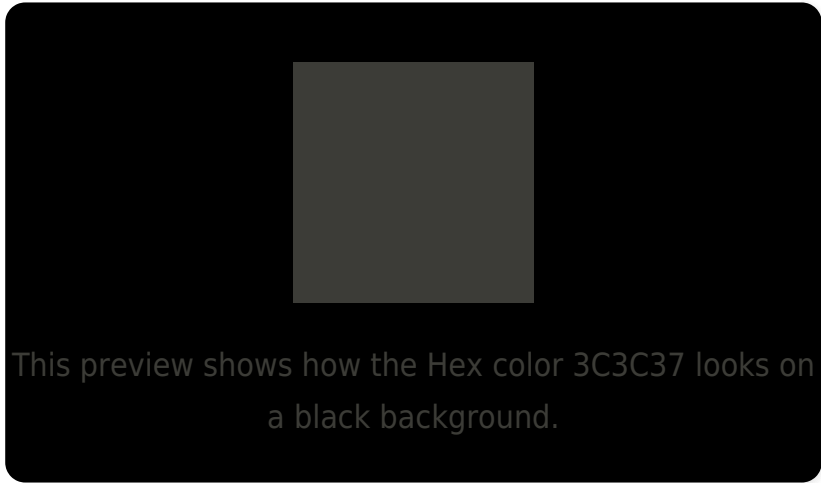
Large Text (above 18pt) WCAG AA ✓ Pass

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

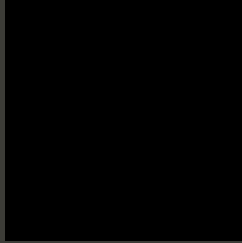
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

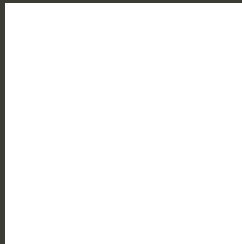
Any Text WCAG AAA × Fail

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

Hex 3C3C37 Background



This preview shows how black text looks on a background with the Hex color 3C3C37.



This preview shows how white text looks on a background with the Hex color 3C3C37.

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
3C3C37

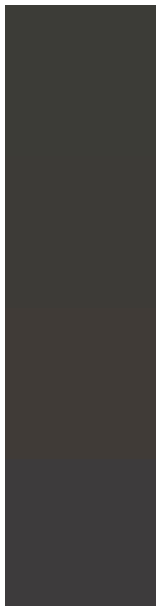
Protanopia
3E3B37

Deuteranopia
433A37



Tritanopia
3D3B3F

Trichromacy



Original Color

3C3C37

Protanomaly

3D3B37

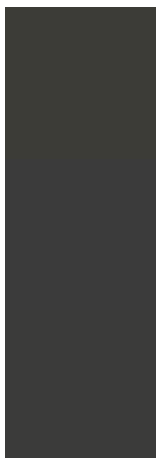
Deuteranomaly

403B37

Tritanomaly

3D3B3C

Monochromacy



Original Color

3C3C37

Achromatopsia

3B3B3B

Achromatomaly

3B3B3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C3C37 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 #3C3C37 looks like.

```
.text, #text, p{  
    color:#3C3C37  
}
```

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 #3C3C37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C3C37
}
```

Border

The CSS property to change the border of an element to Hex 3C3C37 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
#3C3C37 }
```

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

```
.border{ border-color:#3C3C37 }
```

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

Here you see how a box with a 4 pixel #3C3C37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C3C37; -webkit-box-shadow:4px 4px  
4px 4px #3C3C37; box-shadow:4px 4px 4px  
4px #3C3C37 }
```

Background

The CSS property to change the background color of an element to Hex 3C3C37 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C3C37 }
```

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

```
.background{ background-color:#3C3C37 }
```

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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