

Converting Colors

Hex(3D303D)

Have a look what the booklet for
Hex(3D303D) contains.

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Color

Hex(3D303D)

Conversions

Conversions Part 1

Format	Color
Hex	3D303D
RGB	61, 48, 61
RGB Percent	24%, 19%, 24%
CMY	0.7608, 0.8118, 0.7608
CMYK	0.00, 0.21, 0.00, 0.76
HSL	300°, 12%, 21%
HSV	300°, 21%, 24%
XYZ	3.8237, 3.4429, 4.8779
YIQ	53.3690, 3.5750, 6.7990

Conversions

Conversions Part 2

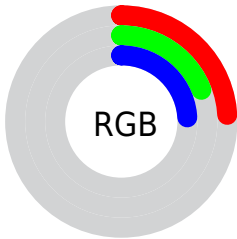
Format	Color
RYB	61, 48, 61
Decimal	4010045
CIELab	21.74, 8.67, -5.97
CIELCh	22, 10.522, 325.442
Yxy	3.4429, 0.3149, 0.2835
Android (android.graphics.Color)	4282200125 (0xFF3D303D)
YUV	53.3690, 3.7621, 6.6924
Hunter-Lab	18.5551, 4.3127, -2.5980

Details

The Hex color **3D303D** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **303D30**, and the grayscale version is **353535**.

A 20% lighter version of the original color is **6D5E6C**, and **130013** is the 20% darker color. If you saturate the color by 10%, you get **3D2A3D**, and if you desaturate by 10%, it is **3D363D**.

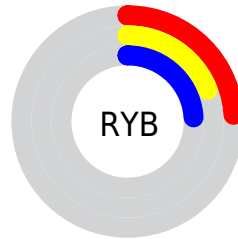
Distribution



Red (24%)

Green (19%)

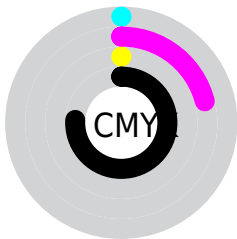
Blue (24%)



Red (24%)

Yellow (19%)

Blue (24%)

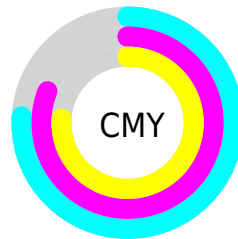


Cyan (0%)

Magenta (21%)

Yellow (0%)

Black (76%)



Cyan (76%)

Magenta (81%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D303D 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 3D303D by changing the saturation by 10% instead.

■ 3D303D

■ 3D303D

FFFFFF

■ 271B27

■ 6D5E6C

■ 130013

■ 867786

■ 000000

■ A090A0

■ BBABBB

■ D7C6D6

■ F3E2F3

■ 3D303D

■ 3D303D

■ 3D2A3D

■ 3D363D

■ 3D243D

■ 3D3C3D

■ 3D1E3D

■ 3D423D

■ 3D183D

■ 3D483D

■ 3D113D

■ 3D4F3D

■ 3D0B3D

■ 3D553D

■ 3D053D

■ 3D5B3D

■ 3D003D

■ 3D613D

■ 3D673D

Harmonies

Analogous

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



343342



3D303D



432F36

Triad

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



3D303D



3B3325



1E383A

Complementary

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



3D303D



303D30

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.



223833



3D303D



333626

Square

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



3D303D



413128



2A372B



203741

Rectangle

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



3D303D



442F30



2A372B



1E3838

Sweetspot

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



3D303D



4F4A4F



30303D



292629



A8A8A8



292929

Same Dimension

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



3D303D



4F3A4F



3D3037



1F1C1F



5E005E



DE00DE

Inverse Universe

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



3D303D



4F3A4F



303D37



1F1C1F



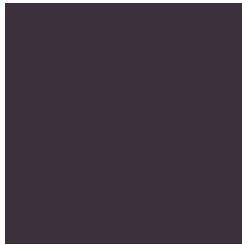
5E005E



DE00DE

Previews

White Background



This preview shows how the Hex color 3D303D looks on a white background.

Color Contrast Check

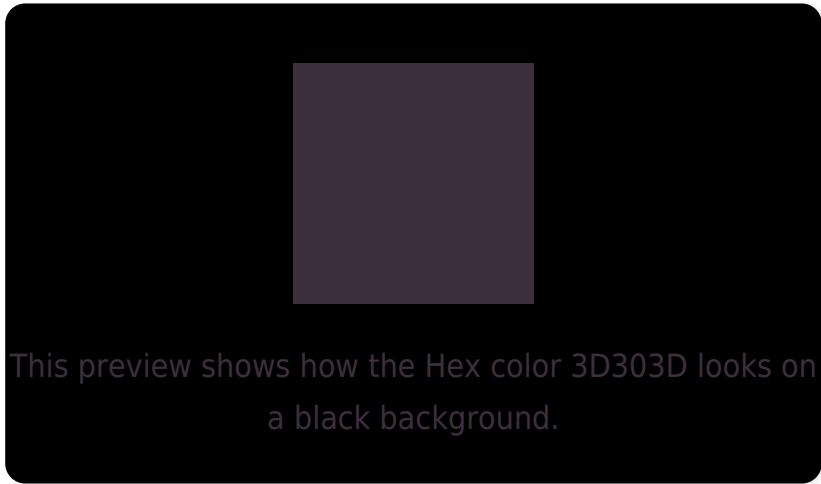
Large Text (above 18pt) WCAG AA ✓ Pass

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

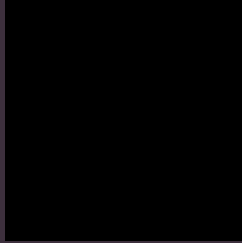
Any Text WCAG AA × Fail

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 3D303D Background



This preview shows how black text looks on a background with the Hex color 3D303D.



This preview shows how white text looks on a background with the Hex color 3D303D.

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](#).

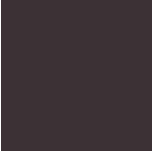
Dichromacy



Original Color
3D303D

Protanopia
323440

Deuteranopia
35333C



Tritanopia
3C3135

Trichromacy



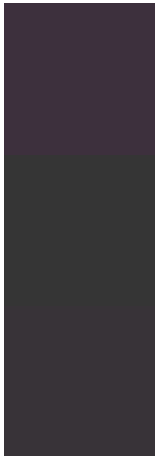
Original Color
3D303D

Protanomaly
36333F

Deuteranomaly
38323C

Tritanomaly
3C3138

Monochromacy



Original Color
3D303D

Achromatopsia
353535

Achromatomaly
383338

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D303D 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 #3D303D looks like.

```
.text, #text, p{  
    color:#3D303D  
}
```

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 #3D303D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D303D
}
```

Border

The CSS property to change the border of an element to Hex 3D303D is called "border". The border property can be set on classes, ids or directly on the HTML element.

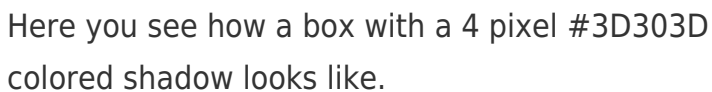
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3D303D }
```

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

```
.border{ border-color:#3D303D }
```

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



Here you see how a box with a 4 pixel #3D303D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D303D; -webkit-box-shadow:4px 4px  
4px 4px #3D303D; box-shadow:4px 4px 4px  
4px #3D303D }
```

Background

The CSS property to change the background color of an element to Hex 3D303D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D303D }
```

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

```
.background{ background-color:#3D303D }
```

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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