

Converting Colors

Hex(3D4336)

Have a look what the booklet for
Hex(3D4336) contains.

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Color

Hex(3D4336)

Conversions

Conversions Part 1

Format	Color
Hex	3D4336
RGB	61, 67, 54
RGB Percent	24%, 26%, 21%
CMY	0.7608, 0.7373, 0.7882
CMYK	0.09, 0.00, 0.19, 0.74
HSL	88°, 11%, 24%
HSV	88°, 19%, 26%
XYZ	4.5975, 5.2728, 4.2655
YIQ	63.7240, 0.5970, -5.3150

Conversions

Conversions Part 2

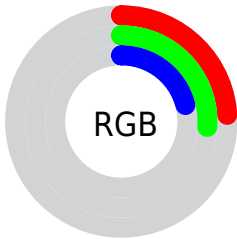
Format	Color
RYB	54, 67, 60
Decimal	4014902
CIELab	27.50, -5.31, 7.07
CIELCh	27, 8.845, 126.921
Yxy	5.2728, 0.3252, 0.3730
Android (android.graphics.Color)	4282204982 (0xFF3D4336)
YUV	63.7240, -4.7939, -2.3889
Hunter-Lab	22.9625, -4.4456, 5.0602

Details

The Hex color **3D4336** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **3C3643**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **6C7365**, and **13180A** is the 20% darker color. If you saturate the color by 10%, you get **3A432F**, and if you desaturate by 10%, it is **40433D**.

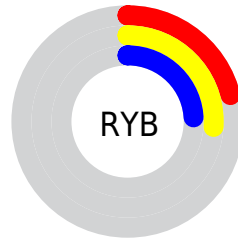
Distribution



Red (24%)

Green (26%)

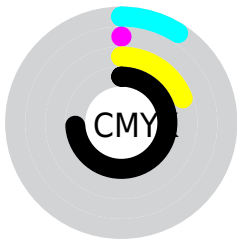
Blue (21%)



Red (21%)

Yellow (26%)

Blue (24%)

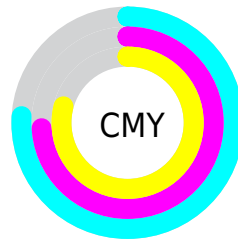


Cyan (9%)

Magenta (0%)

Yellow (19%)

Black (74%)



Cyan (76%)

Magenta (74%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D4336 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 3D4336 by changing the saturation by 10% instead.

■ 3D4336

■ 3D4336

FFFFFF

■ 272D21

■ 6C7365

■ 13180A

■ 868C7E

■ 000000

■ A0A798

■ BBC2B2

■ D7DECE

■ F3FAEA

■ 3D4336

■ 3D4336

■ 3A432F

■ 40433D

■ 374329

■ 434343

■ 344322

■ 46434A

■ 31431B

■ 494351

■ 2E4315

■ 4C4358

■ 2A430E

■ 50435E

■ 274307

■ 534365

■ 244300

■ 56436C

■ 594372

Harmonies

Analogous

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



454134



3D4336



36443B

Triad

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



3D4336



33434D



4F3C40

Complementary

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



3D4336



3C3643

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.



4B3D46



3D4336



3B414E

Square

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



3D4336



2F4449



443F4C



4F3D39

Rectangle

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



3D4336



324540



443F4C



4E3C42

Sweetspot

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



3D4336



545751



433C36



2A2B28



ABABAB



2B2B2B

Same Dimension

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



3D4336



4D5743



374336



20211E



346100



79E000

Inverse Universe

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



3C3643



4C4357



423643



1F1E21



2D0061



6800E0

Previews

White Background



This preview shows how the Hex color 3D4336 looks on a white background.

Color Contrast Check

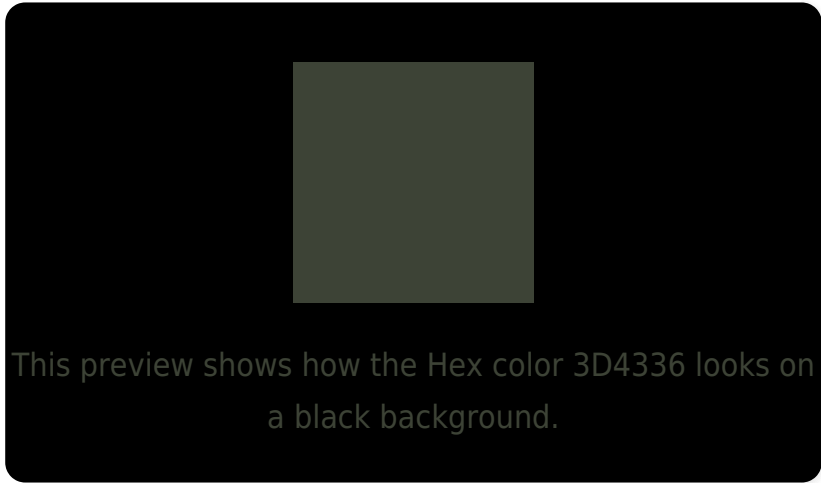
Large Text (above 18pt) WCAG AA ✓ Pass

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

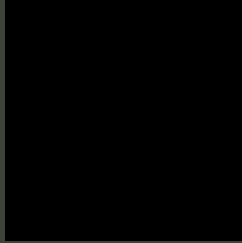
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

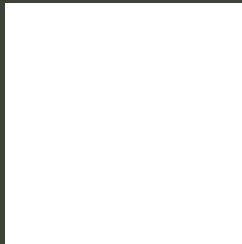
Any Text WCAG AAA × Fail

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

Hex 3D4336 Background



This preview shows how black text looks on a background with the Hex color 3D4336.

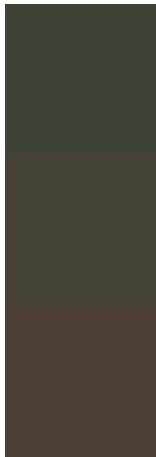


This preview shows how white text looks on a background with the Hex color 3D4336.

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](#).

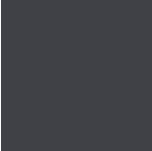
Dichromacy



Original Color
3D4336

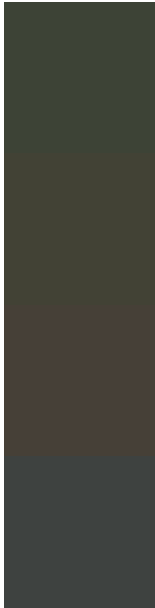
Protanopia
454135

Deuteranopia
4B3E37



Tritanopia
3F4146

Trichromacy



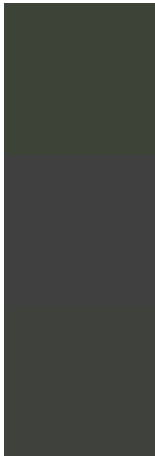
Original Color
3D4336

Protanomaly
424235

Deuteranomaly
464037

Tritanomaly
3E4240

Monochromacy



Original Color
3D4336

Achromatopsia
404040

Achromatomaly
3F413C

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D4336 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 #3D4336 looks like.

```
.text, #text, p{  
    color:#3D4336  
}
```

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 #3D4336 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D4336
}
```

Border

The CSS property to change the border of an element to Hex 3D4336 is called "border". The border property can be set on classes, ids or directly on the HTML element.

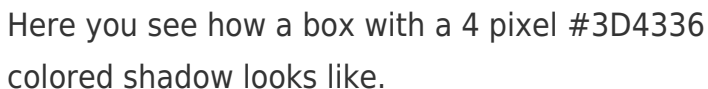
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3D4336 }
```

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

```
.border{ border-color:#3D4336 }
```

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



Here you see how a box with a 4 pixel #3D4336 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D4336; -webkit-box-shadow:4px 4px  
4px 4px #3D4336; box-shadow:4px 4px 4px  
4px #3D4336 }
```

Background

The CSS property to change the background color of an element to Hex 3D4336 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D4336 }
```

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

```
.background{ background-color:#3D4336 }
```

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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