

Converting Colors

Hex(3D442C)

Have a look what the booklet for
Hex(3D442C) contains.

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Color

Hex(3D442C)

Conversions

Conversions Part 1

Format	Color
Hex	3D442C
RGB	61, 68, 44
RGB Percent	24%, 27%, 17%
CMY	0.7608, 0.7333, 0.8275
CMYK	0.10, 0.00, 0.35, 0.73
HSL	77°, 21%, 22%
HSV	77°, 35%, 27%
XYZ	4.4462, 5.3082, 3.1731
YIQ	63.1710, 3.5320, -8.9480

Conversions

Conversions Part 2

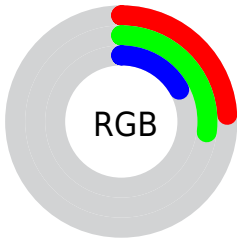
Format	Color
RYB	44, 68, 51
Decimal	4015148
CIELab	27.60, -7.75, 13.62
CIELCh	28, 15.670, 119.654
Yxy	5.3082, 0.3439, 0.4106
Android (android.graphics.Color)	4282205228 (0xFF3D442C)
YUV	63.1710, -9.4513, -1.9040
Hunter-Lab	23.0395, -5.8719, 7.9620

Details

The Hex color **3D442C** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **332C44**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **6D745A**, and **141900** is the 20% darker color. If you saturate the color by 10%, you get **3B4425**, and if you desaturate by 10%, it is **3F4433**.

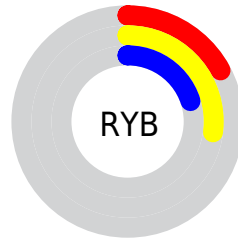
Distribution



Red (24%)

Green (27%)

Blue (17%)



Red (17%)

Yellow (27%)

Blue (20%)

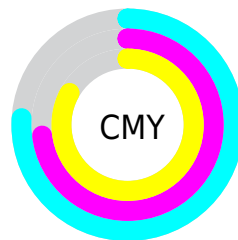


Cyan (10%)

Magenta (0%)

Yellow (35%)

Black (73%)



Cyan (76%)

Magenta (73%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3D442C 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 3D442C by changing the saturation by 10% instead.



3D442C



3D442C

FFFFFF



272E17



6D745A



141900



868E72



000000



A0A88C



BCC3A6



D7DFC2



F4FCDD



FFFFA



3D442C



3D442C

■ 3B4425

■ 3F4433

■ 39441E

■ 41443A

■ 374418

■ 434440

■ 354411

■ 454447

■ 33440A

■ 47444E

■ 314403

■ 494455

■ 304400

■ 4B445C

■ 4D4462

■ 4F4469

Harmonies

Analogous

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



4A4029



3D442C



2F4735

Triad

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



3D442C



204656



583842

Complementary

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



3D442C



332C44

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.



503A4D



3D442C



314259

Square

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



3D442C



1A474D



433E56



593936

Rectangle

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



3D442C



26473C



433E56



563946

Sweetspot

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



3D442C



56594F



44332C



2C2E28



ADADAD



2E2E2E

Same Dimension

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



3D442C



4E5934



31442C



20211E



456100



9FE000

Inverse Universe

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



332C44



3F3459



3F2C44



1F1E21



1C0061



4100E0

Previews

White Background



This preview shows how the Hex color 3D442C looks on a white background.

Color Contrast Check

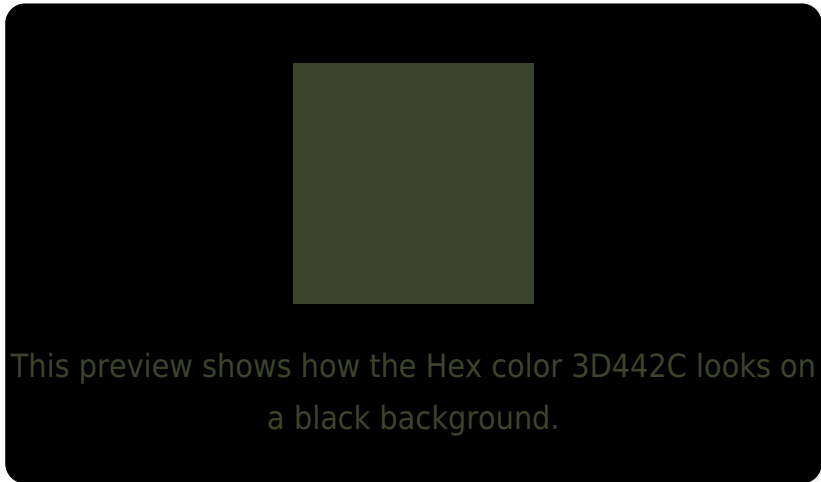
Large Text (above 18pt) WCAG AA ✓ Pass

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

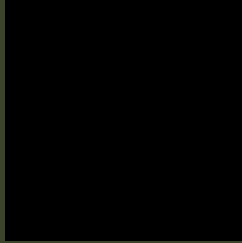
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

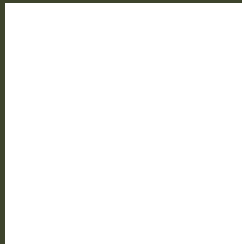
Any Text WCAG AAA × Fail

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

Hex 3D442C Background



This preview shows how black text looks on a background with the Hex color 3D442C.

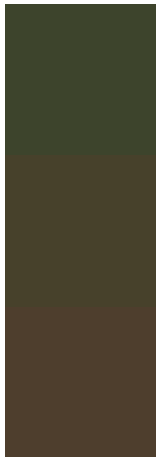


This preview shows how white text looks on a background with the Hex color 3D442C.

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](#).

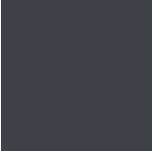
Dichromacy



Original Color
3D442C

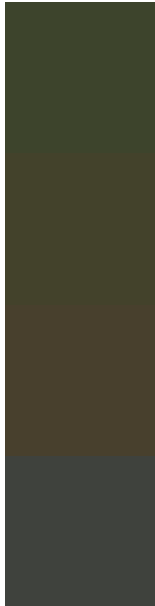
Protanopia
47412B

Deuteranopia
4E3E2D



Tritanopia
404146

Trichromacy



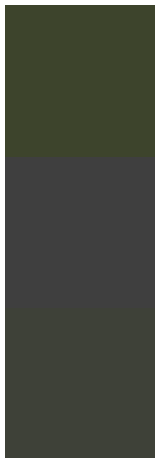
Original Color
3D442C

Protanomaly
43422B

Deuteranomaly
48402D

Tritanomaly
3F423D

Monochromacy



Original Color
3D442C

Achromatopsia
3F3F3F

Achromatomaly
3E4138

CSS Examples

Text

The CSS property to change the color of the text to Hex 3D442C 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 #3D442C looks like.

```
.text, #text, p{  
    color:#3D442C  
}
```

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 #3D442C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3D442C
}
```

Border

The CSS property to change the border of an element to Hex 3D442C is called "border". The border property can be set on classes, ids or directly on the HTML element.

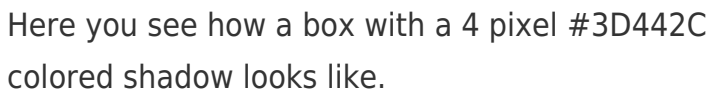
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3D442C }
```

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

```
.border{ border-color:#3D442C }
```

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



Here you see how a box with a 4 pixel #3D442C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3D442C; -webkit-box-shadow:4px 4px  
4px 4px #3D442C; box-shadow:4px 4px 4px  
4px #3D442C }
```

Background

The CSS property to change the background color of an element to Hex 3D442C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3D442C }
```

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

```
.background{ background-color:#3D442C }
```

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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