

Converting Colors

Hex(3C442F)

Have a look what the booklet for
Hex(3C442F) contains.

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Color

Hex(3C442F)

Conversions

Conversions Part 1

Format	Color
Hex	3C442F
RGB	60, 68, 47
RGB Percent	24%, 27%, 18%
CMY	0.7647, 0.7333, 0.8157
CMYK	0.12, 0.00, 0.31, 0.73
HSL	83°, 18%, 23%
HSV	83°, 31%, 27%
XYZ	4.4437, 5.3001, 3.4781
YIQ	63.2140, 1.9730, -8.2270

Conversions

Conversions Part 2

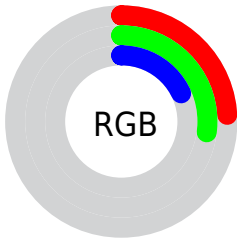
Format	Color
R_{YB}	47, 68, 55
Decimal	3949615
CIE _{Lab}	27.57, -7.69, 11.67
CIE _{LCh}	28, 13.975, 123.395
Yxy	5.3001, 0.3361, 0.4009
Android (android.graphics.Color)	4282139695 (0xFF3C442F)
YUV	63.2140, -7.9935, -2.8187
Hunter-Lab	23.0220, -5.8346, 7.1579

Details

The Hex color **3C442F** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **372F44**, and the grayscale version is **3F3F3F**.

A 20% lighter version of the original color is **6C745D**, and **131900** is the 20% darker color. If you saturate the color by 10%, you get **394428**, and if you desaturate by 10%, it is **3F4436**.

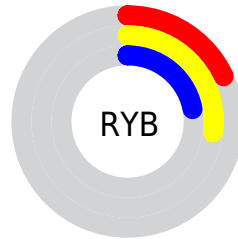
Distribution



Red (24%)

Green (27%)

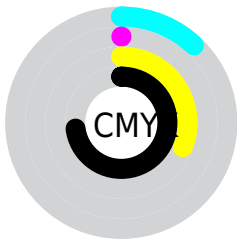
Blue (18%)



Red (18%)

Yellow (27%)

Blue (22%)

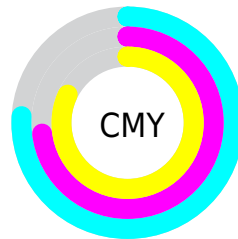


Cyan (12%)

Magenta (0%)

Yellow (31%)

Black (73%)



Cyan (76%)

Magenta (73%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3C442F 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 3C442F by changing the saturation by 10% instead.



3C442F



3C442F

FFFFFF



262E1A



6C745D



131900



858E76



000000



9FA88F



BAC3AA



D6DFC5



F2FCE1

FFFFFFE



3C442F



3C442F

■ 394428

■ 3F4436

■ 374421

■ 41443D

■ 34441B

■ 444443

■ 324414

■ 46444A

■ 2F440D

■ 494451

■ 2C4406

■ 4C4458

■ 2A4400

■ 4E445F

■ 514465

■ 53446C

Harmonies

Analogous

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



48412C



3C442F



304637

Triad

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



3C442F



274554



563940

Complementary

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



3C442F



372F44

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.



503B4B



3C442F



354256

Square

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



3C442F



20474C



443E53



563A36

Rectangle

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



3C442F



28473E



443E53



553944

Sweetspot

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



3C442F



565951



44372F



2C2E29



ADADAD



2E2E2E

Same Dimension

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



3C442F



4D5938



32442F



20211E



3C6100



8BE000

Inverse Universe

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



372F44



453859



412F44



1F1E21



250061



5500E0

Previews

White Background



This preview shows how the Hex color 3C442F looks on a white background.

Color Contrast Check

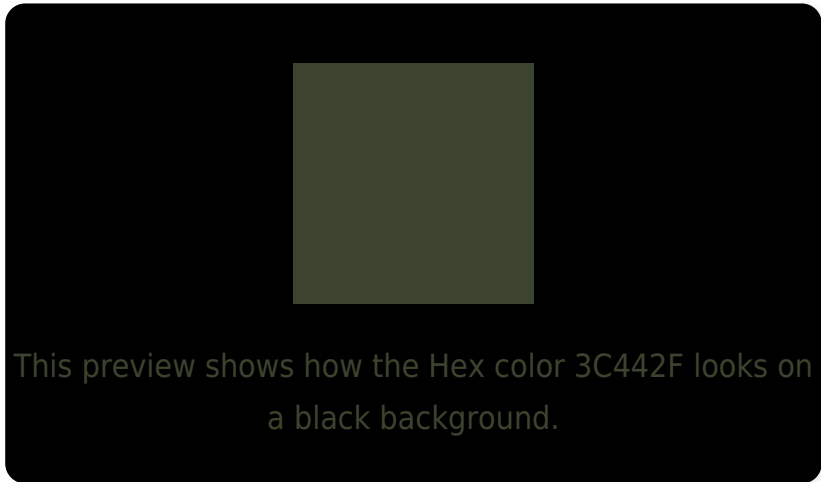
Large Text (above 18pt) WCAG AA ✓ Pass

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

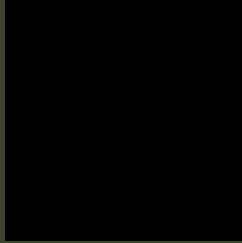
Any Text WCAG AA × Fail

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 3C442F Background



This preview shows how black text looks on a background with the Hex color 3C442F.

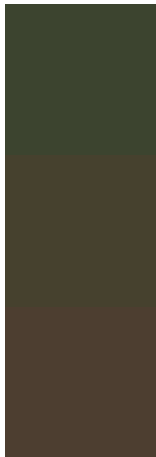


This preview shows how white text looks on a background with the Hex color 3C442F.

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](#).

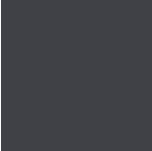
Dichromacy



Original Color
3C442F

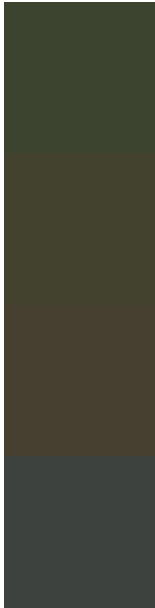
Protanopia
46412E

Deuteranopia
4D3E30



Tritanopia
3F4146

Trichromacy



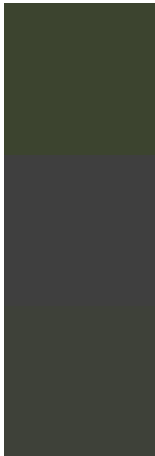
Original Color
3C442F

Protanomaly
42422E

Deuteranomaly
474030

Tritanomaly
3E423E

Monochromacy



Original Color
3C442F

Achromatopsia
3F3F3F

Achromatomaly
3E4139

CSS Examples

Text

The CSS property to change the color of the text to Hex 3C442F 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 #3C442F looks like.

```
.text, #text, p{  
    color:#3C442F  
}
```

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 #3C442F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3C442F
}
```

Border

The CSS property to change the border of an element to Hex 3C442F is called "border". The border property can be set on classes, ids or directly on the HTML element.

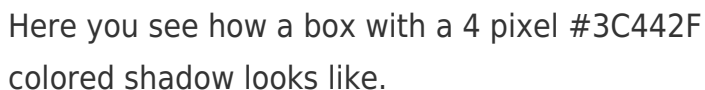
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#3C442F }
```

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

```
.border{ border-color:#3C442F }
```

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



Here you see how a box with a 4 pixel #3C442F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3C442F; -webkit-box-shadow:4px 4px  
4px 4px #3C442F; box-shadow:4px 4px 4px  
4px #3C442F }
```

Background

The CSS property to change the background color of an element to Hex 3C442F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3C442F }
```

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

```
.background{ background-color:#3C442F }
```

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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