

Converting Colors

Hex(342F2C)

Have a look what the booklet for
Hex(342F2C) contains.

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Color

Hex(342F2C)

Conversions

Conversions Part 1

Format	Color
Hex	342F2C
RGB	52, 47, 44
RGB Percent	20%, 18%, 17%
CMY	0.7961, 0.8157, 0.8275
CMYK	0.00, 0.10, 0.15, 0.80
HSL	23°, 8%, 19%
HSV	23°, 15%, 20%
XYZ	2.8873, 2.9449, 2.7991
YIQ	48.1530, 3.9430, 0.1270

Conversions

Conversions Part 2

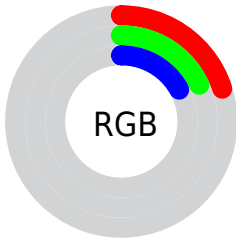
Format	Color
RYB	52, 49, 44
Decimal	3419948
CIELab	19.82, 1.61, 2.74
CIElCh	20, 3.172, 59.586
Yxy	2.9449, 0.3345, 0.3412
Android (android.graphics.Color)	4281610028 (0xFF342F2C)
YUV	48.1530, -2.0474, 3.3738
Hunter-Lab	17.1608, 0.0012, 2.3417

Details

The Hex color **342F2C** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2C3134**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **625D59**, and **020000** is the 20% darker color. If you saturate the color by 10%, you get **342C27**, and if you desaturate by 10%, it is **343231**.

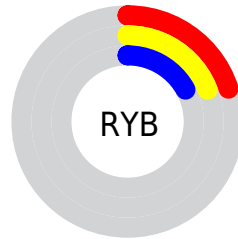
Distribution



Red (20%)

Green (18%)

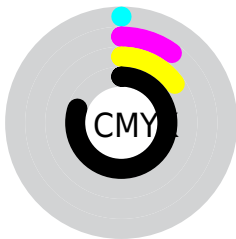
Blue (17%)



Red (20%)

Yellow (19%)

Blue (17%)

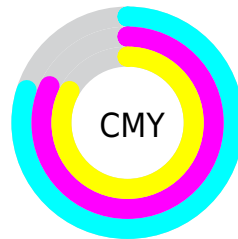


Cyan (0%)

Magenta (10%)

Yellow (15%)

Black (80%)



Cyan (80%)

Magenta (82%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 342F2C 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 342F2C by changing the saturation by 10% instead.



342F2C



342F2C

FFFFFF



1F1A18



625D59



020000



7B7572



000000



958F8B



B0A9A6



CBC5C1



E7E1DD



FFFDF9



342F2C



342F2C

■ 342C27

■ 343231

■ 342922

■ 343536

■ 34251C

■ 34393C

■ 342217

■ 343C41

■ 341F12

■ 343F46

■ 341C0D

■ 34424B

■ 341808

■ 344650

■ 341502

■ 344956

■ 341400

■ 344C5B

Harmonies

Analogous

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



352F2E



342F2C



32302B

Triad

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



342F2C



2B3130



302F34

Complementary

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



342F2C



2C3134

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.



2E3034



342F2C



2A3132

Square

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



342F2C



2D312E



2B3134



332F32

Rectangle

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



342F2C



30302C



2B3134



2F3034

Sweetspot

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



342F2C



454341



342C31



242222



A3A3A3



242424

Same Dimension

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



342F2C



453D38



34332C



1A1817



592100



D95100

Inverse Universe

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



2C3134



384045



2C2D34



17191A



003859



0087D9

Previews

White Background



This preview shows how the Hex color 342F2C looks on a white background.

Color Contrast Check

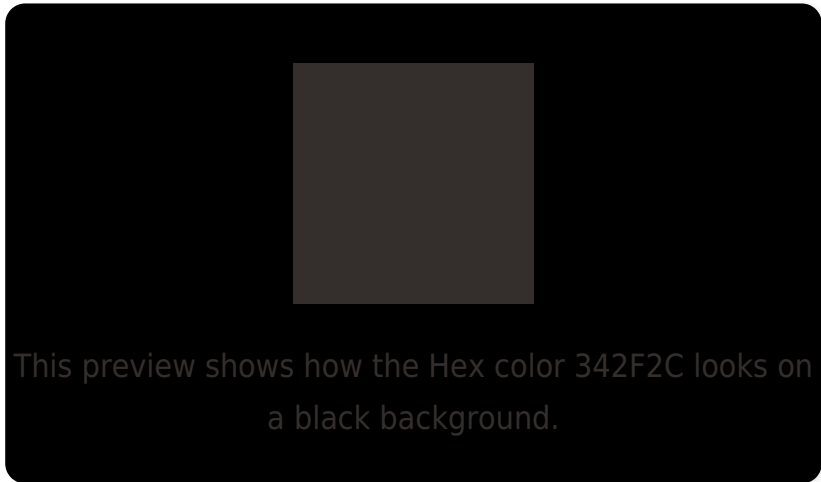
Large Text (above 18pt) WCAG AA ✓ Pass

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

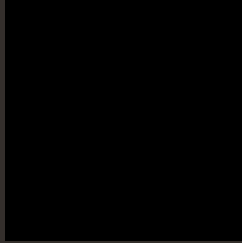
Any Text WCAG AA × Fail

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 342F2C Background



This preview shows how black text looks on a background with the Hex color 342F2C.

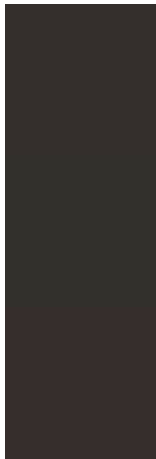


This preview shows how white text looks on a background with the Hex color 342F2C.

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

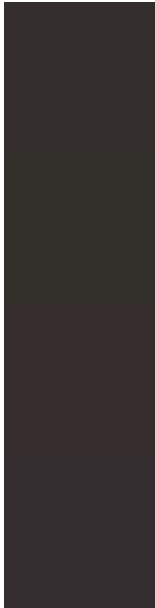


Original Color
342F2C

Protanopia
32302C

Deuteranopia
362E2C

Trichromacy



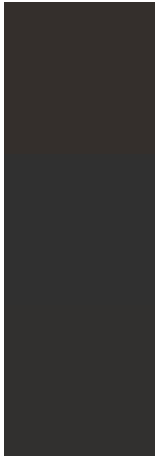
Original Color
342F2C

Protanomaly
33302C

Deuteranomaly
352E2C

Tritanomaly
352E30

Monochromacy



Original Color
342F2C

Achromatopsia
303030

Achromatomaly
31302F

CSS Examples

Text

The CSS property to change the color of the text to Hex 342F2C 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 #342F2C looks like.

```
.text, #text, p{  
    color:#342F2C  
}
```

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 #342F2C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #342F2C
}
```

Border

The CSS property to change the border of an element to Hex 342F2C is called "border". The border property can be set on classes, ids or directly on the HTML element.

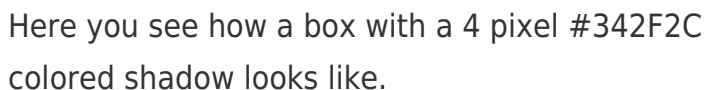
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#342F2C }
```

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

```
.border{ border-color:#342F2C }
```

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



Here you see how a box with a 4 pixel #342F2C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #342F2C; -webkit-box-shadow:4px 4px  
4px 4px #342F2C; box-shadow:4px 4px 4px  
4px #342F2C }
```

Background

The CSS property to change the background color of an element to Hex 342F2C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#342F2C }
```

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

```
.background{ background-color:#342F2C }
```

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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