

Converting Colors

Hex(342E2A)

Have a look what the booklet for
Hex(342E2A) contains.

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Color

Hex(342E2A)

Conversions

Conversions Part 1

Format	Color
Hex	342E2A
RGB	52, 46, 42
RGB Percent	20%, 18%, 16%
CMY	0.7961, 0.8196, 0.8353
CMYK	0.00, 0.12, 0.19, 0.80
HSL	24°, 11%, 18%
HSV	24°, 19%, 20%
XYZ	2.8111, 2.8512, 2.5927
YIQ	47.3380, 4.8600, 0.0280

Conversions

Conversions Part 2

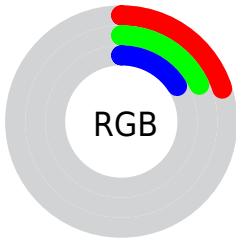
Format	Color
RYB	52, 49, 42
Decimal	3419690
CIELab	19.44, 1.88, 3.56
CIELCh	19, 4.025, 62.220
Yxy	2.8512, 0.3405, 0.3454
Android (android.graphics.Color)	4281609770 (0xFF342E2A)
YUV	47.3380, -2.6316, 4.0886
Hunter-Lab	16.8856, 0.1667, 2.7163

Details

The Hex color **342E2A** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2A3034**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **635C57**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **342B25**, and if you desaturate by 10%, it is **34312F**.

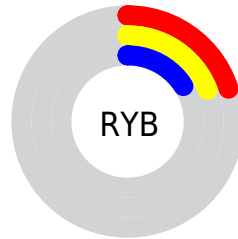
Distribution



Red (20%)

Green (18%)

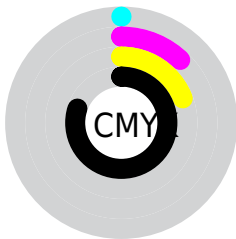
Blue (16%)



Red (20%)

Yellow (19%)

Blue (16%)

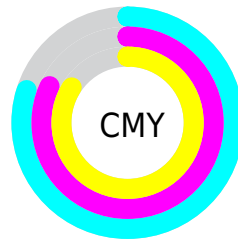


Cyan (0%)

Magenta (12%)

Yellow (19%)

Black (80%)



Cyan (80%)

Magenta (82%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 342E2A 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 342E2A by changing the saturation by 10% instead.

■ 342E2A

■ 342E2A

FFFFFF

■ 1F1916

■ 635C57

■ 000000

■ 7B7470

■ 958E89

■ B0A8A3

■ CBC3BE

■ E8DFDA

■ FFFCF7

■ 342E2A

■ 342E2A

■ 342B25

■ 34312F

■ 342820

■ 343434

■ 34251A

■ 34373A

■ 342215

■ 343A3F

■ 341E10

■ 343E44

■ 341B0B

■ 344149

■ 341806

■ 34444E

■ 341500

■ 344754

■ 344A59

Harmonies

Analogous

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



352D2C



342E2A



312F29

Triad

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



342E2A



28312F



302E34

Complementary

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



342E2A



2A3034

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.



2C2F35



342E2A



283132

Square

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



342E2A



2B312C



293034



332D32

Rectangle

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



342E2A



2F302A



293034



2F2F34

Sweetspot

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



342E2A



454241



342A30



242221



A3A3A3



242424

Same Dimension

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



342E2A



453B35



34332A



1A1817



592400



D95700

Inverse Universe

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



2A3034



353F45



2A2B34



17181A



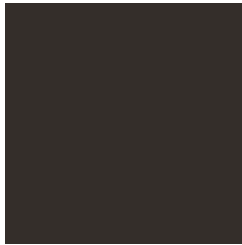
003659



0082D9

Previews

White Background



This preview shows how the Hex color 342E2A looks on a white background.

Color Contrast Check

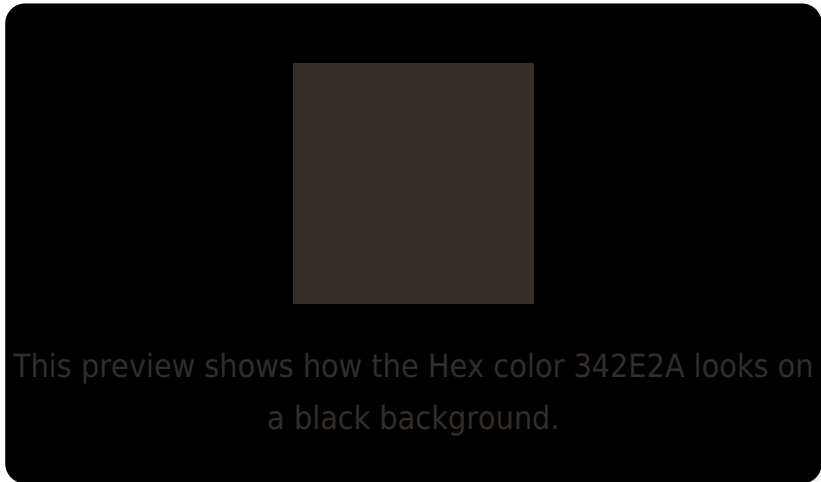
Large Text (above 18pt) WCAG AA ✓ Pass

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

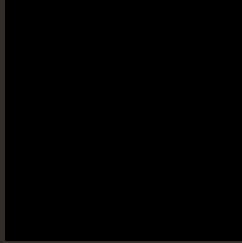
Any Text WCAG AA × Fail

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 342E2A Background



This preview shows how black text looks on a background with the Hex color 342E2A.

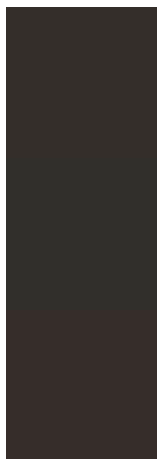


This preview shows how white text looks on a background with the Hex color 342E2A.

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

342E2A

Protanopia

312F2B

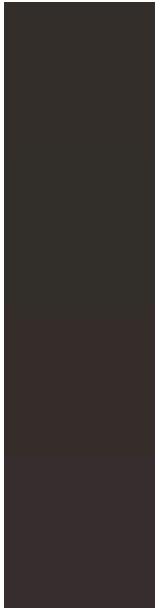
Deuteranopia

362D2A



Tritanopia
352D31

Trichromacy



Original Color

342E2A

Protanomaly

322F2B

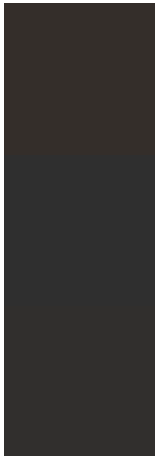
Deuteranomaly

352D2A

Tritanomaly

352D2E

Monochromacy



Original Color

342E2A

Achromatopsia

2F2F2F

Achromatomaly

312F2D

CSS Examples

Text

The CSS property to change the color of the text to Hex 342E2A 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 #342E2A looks like.

```
.text, #text, p{  
    color:#342E2A  
}
```

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 #342E2A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #342E2A
}
```

Border

The CSS property to change the border of an element to Hex 342E2A is called "border". The border property can be set on classes, ids or directly on the HTML element.

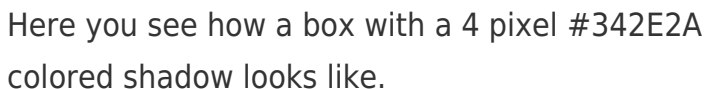
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#342E2A }
```

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

```
.border{ border-color:#342E2A }
```

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



Here you see how a box with a 4 pixel #342E2A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #342E2A; -webkit-box-shadow:4px 4px  
4px 4px #342E2A; box-shadow:4px 4px 4px  
4px #342E2A }
```

Background

The CSS property to change the background color of an element to Hex 342E2A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#342E2A }
```

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

```
.background{ background-color:#342E2A }
```

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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