

Converting Colors

Hex(342B2F)

Have a look what the booklet for
Hex(342B2F) contains.

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Color

Hex(342B2F)

Conversions

Conversions Part 1

Format	Color
Hex	342B2F
RGB	52, 43, 47
RGB Percent	20%, 17%, 18%
CMY	0.7961, 0.8314, 0.8157
CMYK	0.00, 0.17, 0.10, 0.80
HSL	333°, 9%, 19%
HSV	333°, 17%, 20%
XYZ	2.7931, 2.6631, 3.0561
YIQ	46.1470, 4.0800, 3.1520

Conversions

Conversions Part 2

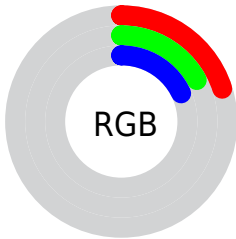
Format	Color
RYB	52, 43, 47
Decimal	3418927
CIELab	18.64, 4.98, -1.06
CIELCh	19, 5.094, 348.037
Yxy	2.6631, 0.3281, 0.3128
Android (android.graphics.Color)	4281609007 (0xFF342B2F)
YUV	46.1470, 0.4205, 5.1331
Hunter-Lab	16.3189, 1.9941, 0.3196

Details

The Hex color **342B2F** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2B3430**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **63585D**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **34262C**, and if you desaturate by 10%, it is **343032**.

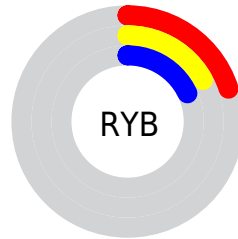
Distribution



Red (20%)

Green (17%)

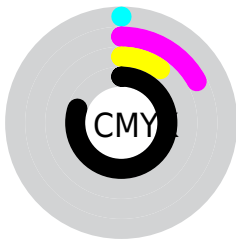
Blue (18%)



Red (20%)

Yellow (17%)

Blue (18%)

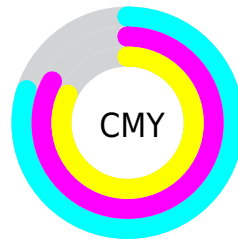


Cyan (0%)

Magenta (17%)

Yellow (10%)

Black (80%)



Cyan (80%)

Magenta (83%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the Hex color 342B2F 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 342B2F by changing the saturation by 10% instead.

■ 342B2F

■ 342B2F

FFFFFF

■ 1F171A

■ 63585D

■ 000000

■ 7B7175

■ 958A8F

■ B0A5A9

■ CBC0C5

■ E7DCE1

■ FFF8FD

■ 342B2F

■ 342B2F

■ 34262C

■ 343032

■ 342129

■ 343535

■ 341B26

■ 343B38

■ 341623

■ 34403B

■ 341121

■ 34453D

■ 340C1E

■ 344A40

■ 34071B

■ 344F43

■ 340118

■ 345546

■ 340017

■ 345A49

Harmonies

Analogous

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



312C32



342B2F



352B2B

Triad

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



342B2F



2E2E26



252F33

Complementary

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



342B2F



2B3430

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.



24302F



342B2F



2A2F28

Square

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



342B2F



322D26



262F2C



282E34

Rectangle

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



342B2F



352B29



262F2C



242F32

Sweetspot

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



342B2F



454143



302B34



242223



A3A3A3



242424

Same Dimension

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



342B2F



45363D



342B2B



1A1718



590028



D90060

Inverse Universe

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



342B2F



45363D



2B3434



1A1718



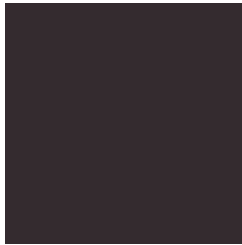
590028



D90060

Previews

White Background



This preview shows how the Hex color 342B2F looks on a white background.

Color Contrast Check

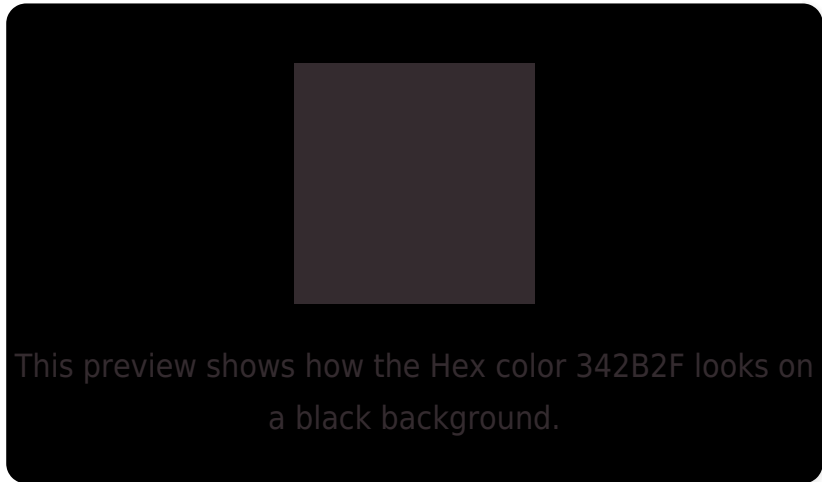
Large Text (above 18pt) WCAG AA ✓ Pass

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

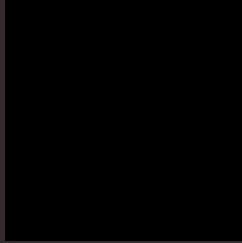
Any Text WCAG AA × Fail

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 342B2F Background



This preview shows how black text looks on a background with the Hex color 342B2F.

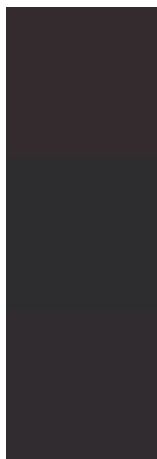


This preview shows how white text looks on a background with the Hex color 342B2F.

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
342B2F

Protanopia
2D2D30

Deuteranopia
312C2F



Tritanopia
342B2E

Trichromacy



Original Color

342B2F

Protanomaly

302C30

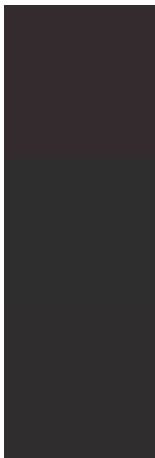
Deuteranomaly

322C2F

Tritanomaly

342B2E

Monochromacy



Original Color

342B2F

Achromatopsia

2E2E2E

Achromatomaly

302D2E

CSS Examples

Text

The CSS property to change the color of the text to Hex 342B2F 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 #342B2F looks like.

```
.text, #text, p{  
    color:#342B2F  
}
```

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 #342B2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #342B2F
}
```

Border

The CSS property to change the border of an element to Hex 342B2F is called "border". The border property can be set on classes, ids or directly on the HTML element.

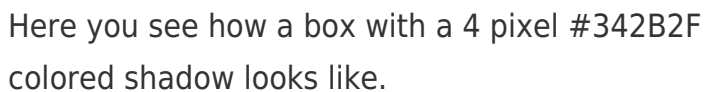
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#342B2F }
```

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

```
.border{ border-color:#342B2F }
```

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



Here you see how a box with a 4 pixel #342B2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #342B2F; -webkit-box-shadow:4px 4px  
4px 4px #342B2F; box-shadow:4px 4px 4px  
4px #342B2F }
```

Background

The CSS property to change the background color of an element to Hex 342B2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#342B2F }
```

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

```
.background{ background-color:#342B2F }
```

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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