

# Converting Colors

Hex(342C26)

Have a look what the booklet for  
Hex(342C26) contains.

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# Color

Hex(342C26)

# Conversions

## Conversions Part 1

Format	Color
Hex	342C26
RGB	52, 44, 38
RGB Percent	20%, 17%, 15%
CMY	0.7961, 0.8275, 0.8510
CMYK	0.00, 0.15, 0.27, 0.80
HSL	26°, 16%, 18%
HSV	26°, 27%, 20%
XYZ	2.6667, 2.6714, 2.2088
YIQ	45.7080, 6.6940, -0.1700

# Conversions

## Conversions Part 2

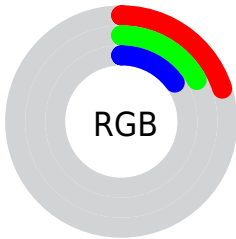
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	52, 49, 38
Decimal	3419174
CIE Lab	18.68, 2.46, 5.24
CIE LCh	19, 5.792, 64.821
Yxy	2.6714, 0.3534, 0.3540
Android (android.graphics.Color)	4281609254 (0xFF342C26)
YUV	45.7080, -3.8000, 5.5181
Hunter-Lab	16.3443, 0.5211, 3.4285

# Details

The Hex color **342C26** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **262E34**, and the grayscale version is **2E2E2E**.

A 20% lighter version of the original color is **635953**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **342921**, and if you desaturate by 10%, it is **342F2B**.

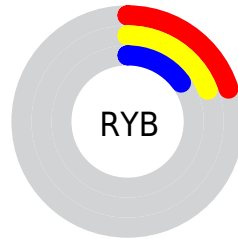
# Distribution



Red (20%)

Green (17%)

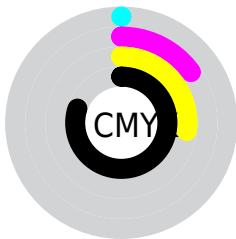
Blue (15%)



Red (20%)

Yellow (19%)

Blue (15%)

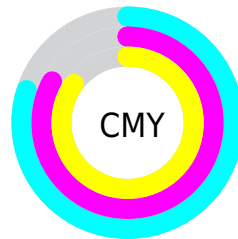


Cyan (0%)

Magenta (15%)

Yellow (27%)

Black (80%)



Cyan (80%)

Magenta (83%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 342C26 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 342C26 by changing the saturation by 10% instead.





342C26



342C26

FFFFFF



1F1711



635953



000000



7C726B



968B84



B0A69E



CCC1B9



E8DDD5



FFF9F1



342C26



342C26

■ 342921

■ 342F2B

■ 34261C

■ 343230

■ 342316

■ 343536

■ 342011

■ 34383B

■ 341D0C

■ 343B40

■ 341A07

■ 343E45

■ 341702

■ 34414A

■ 341600

■ 344450

■ 344755

# Harmonies

## Analogous

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



362B29



342C26



302D25

# Triad

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



342C26



23302E



2F2C34

# Complementary

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



342C26



262E34

# 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.



2A2E36



342C26



233032

# Square

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



342C26



27302A



252F35



342B31

# Rectangle

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



342C26



2D2E26



252F35



2D2D35



# Sweetspot

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



342C26



45423F



34262E



242220



A3A3A3



242424



# Same Dimension

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



342C26



45382F



343326



1A1817



592600



D95D00



# Inverse Universe

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



262E34



2F3B45



262734



17181A



003359

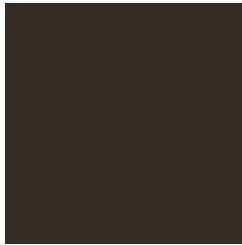


007CD9



# Previews

## White Background



This preview shows how the Hex color 342C26 looks on a white background.

## Color Contrast Check

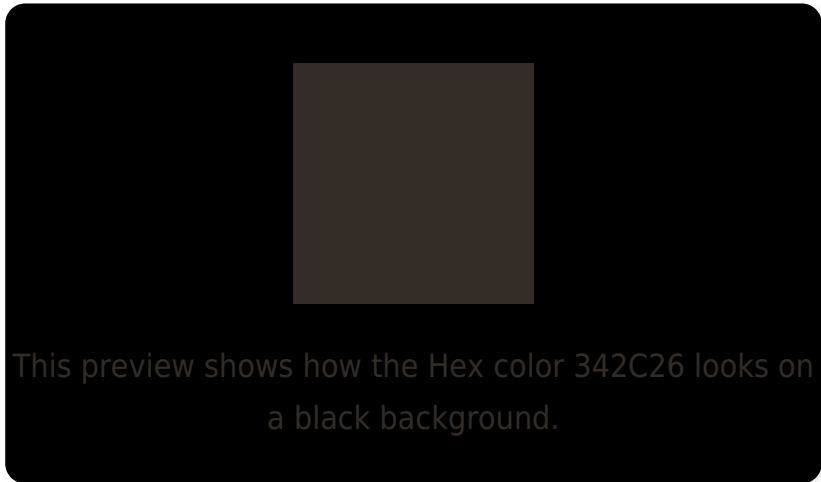
Large Text (above 18pt) WCAG AA ✓ Pass

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

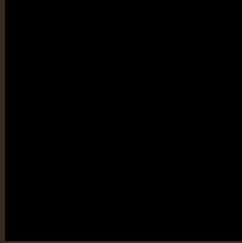
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 342C26 Background



This preview shows how black text looks on a background with the Hex color 342C26.

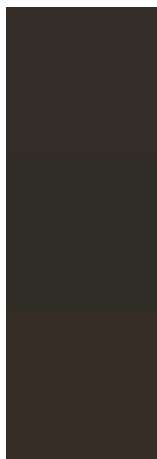


This preview shows how white text looks on a background with the Hex color 342C26.

# 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**  
342C26

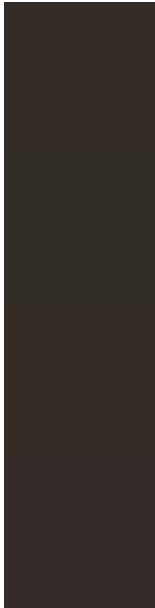
**Protanopia**  
302D27

**Deuteranopia**  
352C26



**Tritanopia**  
352B2E

# Trichromacy



**Original Color**

342C26

**Protanomaly**

312D27

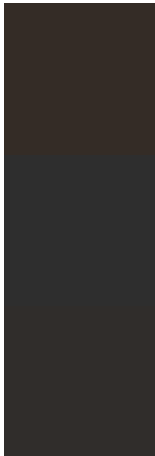
**Deuteranomaly**

352C26

**Tritanomaly**

352B2B

# Monochromacy



**Original Color**

342C26

**Achromatopsia**

2E2E2E

**Achromatomaly**

302D2B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 342C26 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 #342C26 looks like.

```
.text, #text, p{  
    color:#342C26  
}
```

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 #342C26 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #342C26
}
```

## Border

The CSS property to change the border of an element to Hex 342C26 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
#342C26 }
```

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

```
.border{ border-color:#342C26 }
```

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

Here you see how a box with a 4 pixel #342C26 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #342C26; -webkit-box-shadow:4px 4px  
4px 4px #342C26; box-shadow:4px 4px 4px  
4px #342C26 }
```

# Background

The CSS property to change the background color of an element to Hex 342C26 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#342C26 }
```

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

```
.background{ background-color:#342C26 }
```

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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