

Converting Colors

Hex(342823)

Have a look what the booklet for
Hex(342823) contains.

Hex(342823)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(342823)

Conversions

Conversions Part 1

Format	Color
Hex	342823
RGB	52, 40, 35
RGB Percent	20%, 16%, 14%
CMY	0.7961, 0.8431, 0.8627
CMYK	0.00, 0.23, 0.33, 0.80
HSL	18°, 20%, 17%
HSV	18°, 33%, 20%
XYZ	2.4783, 2.3690, 1.9167
YIQ	43.0180, 8.7570, 0.9890

Conversions

Conversions Part 2

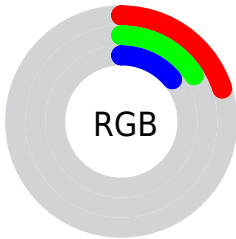
Format	Color
R_{YB}	52, 42, 35
Decimal	3418147
CIE _{Lab}	17.32, 4.67, 5.41
CIE _{LCh}	17, 7.146, 49.242
Yxy	2.3690, 0.3664, 0.3502
Android (android.graphics.Color)	4281608227 (0xFF342823)
YUV	43.0180, -3.9529, 7.8772
Hunter-Lab	15.3915, 1.8068, 3.3906

Details

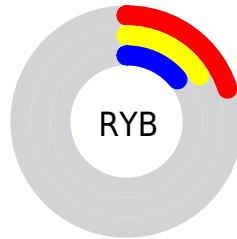
The Hex color **342823** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **232F34**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **63554F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **34241E**, and if you desaturate by 10%, it is **342C28**.

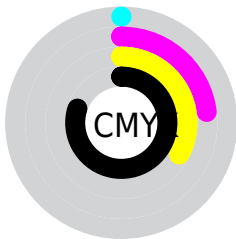
Distribution



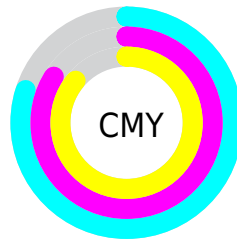
- Red (20%)
- Green (16%)
- Blue (14%)



- Red (20%)
- Yellow (16%)
- Blue (14%)



- Cyan (0%)
- Magenta (23%)
- Yellow (33%)
- Black (80%)



- Cyan (80%)
- Magenta (84%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the Hex color 342823 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 342823 by changing the saturation by 10% instead.

■ 342823

■ 342823

FFFFFF

■ 1F140D

■ 63554F

■ 000000

■ 7C6D67

■ 968780

■ B1A19A

■ CCBCB5

■ E8D7D1

■ FFF4ED

■ 342823

■ 342823

■ 34241E

■ 342C28

■ 342119

■ 342F2D

■ 341D13

■ 343333

■ 34190E

■ 343738

■ 341609

■ 343A3D

■ 341204

■ 343E42

■ 340F00

■ 344247

■ 34454D

■ 344952

Harmonies

Analogous

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



352727



342823



302A21

Triad

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



342823



202D28



292A34

Complementary

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



342823



232F34

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.



222C34



342823



1D2D2E

Square

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



342823



252D24



1E2D32



2F2831

Rectangle

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



342823



2D2B20



1E2D32



272A35

Sweetspot

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



342823



45403E



34232F



24211F



A3A3A3



242424

Same Dimension

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



342823



45322A



343023



1A1817



591A00



D94000

Inverse Universe

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



232F34



2A3D45



232734



17191A



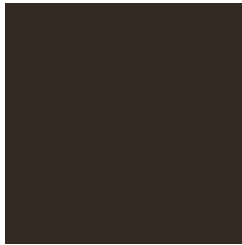
003F59



0099D9

Previews

White Background



This preview shows how the Hex color 342823 looks on a white background.

Color Contrast Check

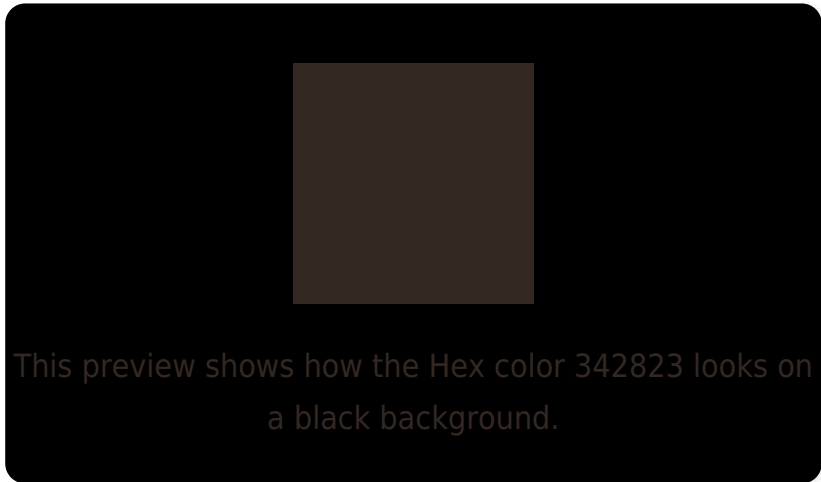
Large Text (above 18pt) WCAG AA ✓ Pass

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

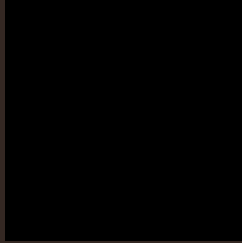
Any Text WCAG AA × Fail

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 342823 Background



This preview shows how black text looks on a background with the Hex color 342823.



This preview shows how white text looks on a background with the Hex color 342823.

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

342823

Protanopia

2D2B24

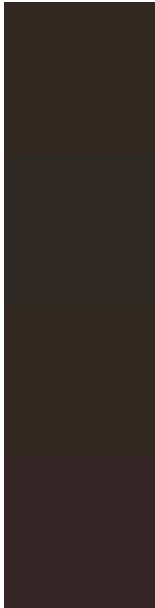
Deuteranopia

322923



Tritanopia
35272A

Trichromacy



Original Color

342823

Protanomaly

302A24

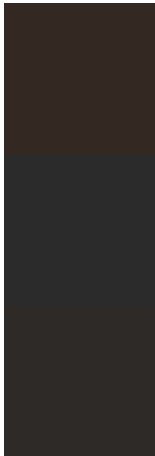
Deuteranomaly

332923

Tritanomaly

352727

Monochromacy



Original Color

342823

Achromatopsia

2B2B2B

Achromatomaly

2E2A28

CSS Examples

Text

The CSS property to change the color of the text to Hex 342823 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 #342823 looks like.

```
.text, #text, p{  
    color:#342823  
}
```

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 #342823 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #342823
}
```

Border

The CSS property to change the border of an element to Hex 342823 is called "border". The border property can be set on classes, ids or directly on the HTML element.

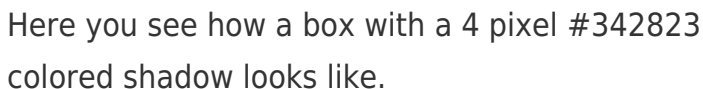
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#342823 }
```

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

```
.border{ border-color:#342823 }
```

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



Here you see how a box with a 4 pixel #342823 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #342823; -webkit-box-shadow:4px 4px  
4px 4px #342823; box-shadow:4px 4px 4px  
4px #342823 }
```

Background

The CSS property to change the background color of an element to Hex 342823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#342823 }
```

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

```
.background{ background-color:#342823 }
```

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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