

Converting Colors

Hex(342D1B)

Have a look what the booklet for
Hex(342D1B) contains.

Hex(342D1B)	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(342D1B)

Conversions

Conversions Part 1

Format	Color
Hex	342D1B
RGB	52, 45, 27
RGB Percent	20%, 18%, 11%
CMY	0.7961, 0.8235, 0.8941
CMYK	0.00, 0.13, 0.48, 0.80
HSL	43°, 32%, 15%
HSV	43°, 48%, 20%
XYZ	2.5524, 2.6860, 1.4208
YIQ	45.0410, 9.9500, -4.1140

Conversions

Conversions Part 2

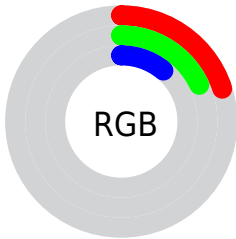
Format	Color
RYB	37, 52, 27
Decimal	3419419
CIELab	18.74, -0.01, 12.81
CIELCh	19, 12.810, 90.047
Yxy	2.6860, 0.3833, 0.4033
Android (android.graphics.Color)	4281609499 (0xFF342D1B)
YUV	45.0410, -8.8942, 6.1030
Hunter-Lab	16.3889, -0.8813, 6.3321

Details

The Hex color **342D1B** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1B2234**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **635A47**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **342C16**, and if you desaturate by 10%, it is **342E20**.

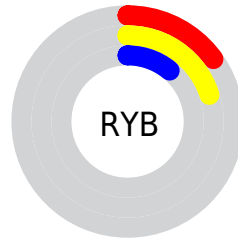
Distribution



Red (20%)

Green (18%)

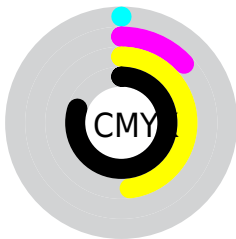
Blue (11%)



Red (15%)

Yellow (20%)

Blue (11%)

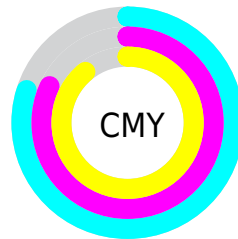


Cyan (0%)

Magenta (13%)

Yellow (48%)

Black (80%)



Cyan (80%)

Magenta (82%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the Hex color 342D1B 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 342D1B by changing the saturation by 10% instead.



342D1B



342D1B

FFFFFF



201801



635A47



000000



7C735E



968C77



B1A791



CDC2AB



E9DEC7



FFFAE3



342D1B



342D1B

■ 342C16

■ 342E20

■ 342A11

■ 343025

■ 34290B

■ 34312B

■ 342706

■ 343330

■ 342601

■ 343435

■ 342500

■ 34363A

■ 34373F

■ 343945

■ 343A4A

Harmonies

Analogous

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



3C2A1E



342D1B



2A301D

Triad

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



342D1B



0F3237



392837

Complementary

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



342D1B



1B2234

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.



2F2B3E



342D1B



14313D

Square

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



342D1B



15332D



212E40



3F272E

Rectangle

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



342D1B



233121



212E40



36293A

Sweetspot

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



342D1B



45423B



341B22



24221E



A3A3A3



242424

Same Dimension

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



342D1B



453A1D



2F341B



1A1917



594000



D99C00

Inverse Universe

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



1B2234



1D2845



201B34



17181A



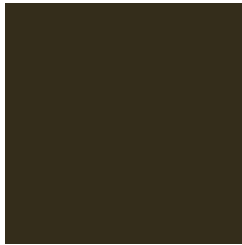
001959



003DD9

Previews

White Background



This preview shows how the Hex color 342D1B looks on a white background.

Color Contrast Check

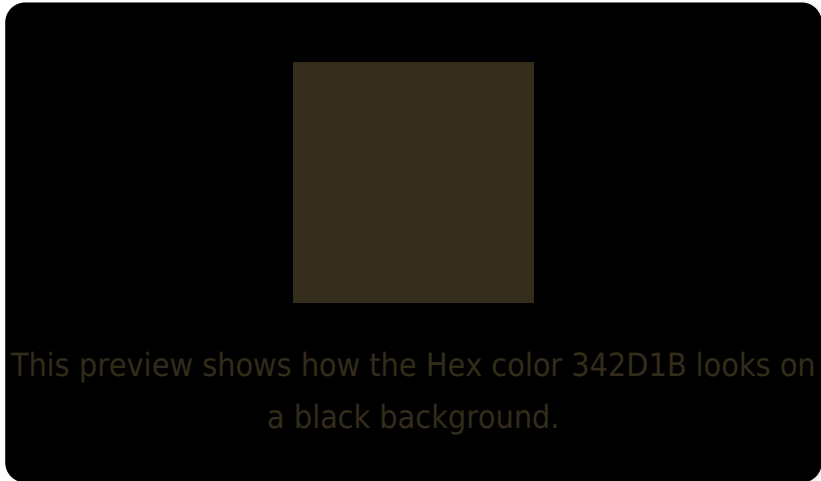
Large Text (above 18pt) WCAG AA ✓ Pass

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

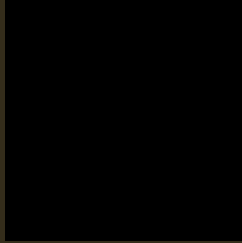
Any Text WCAG AA × Fail

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 342D1B Background



This preview shows how black text looks on a background with the Hex color 342D1B.

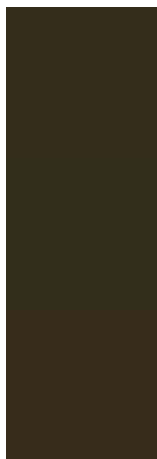


This preview shows how white text looks on a background with the Hex color 342D1B.

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

342D1B

Protanopia

322E1B

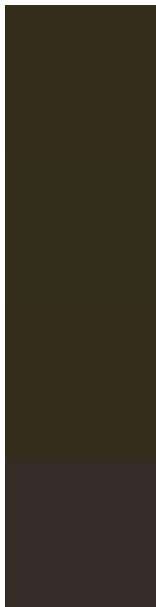
Deuteranopia

372C1B



Tritanopia
362B2E

Trichromacy



Original Color

342D1B

Protanomaly

332E1B

Deuteranomaly

362C1B

Tritanomaly

352C27

Monochromacy



Original Color

342D1B

Achromatopsia

2D2D2D

Achromatomaly

302D26

CSS Examples

Text

The CSS property to change the color of the text to Hex 342D1B 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 #342D1B looks like.

```
.text, #text, p{  
    color:#342D1B  
}
```

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 #342D1B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #342D1B
}
```

Border

The CSS property to change the border of an element to Hex 342D1B is called "border". The border property can be set on classes, ids or directly on the HTML element.

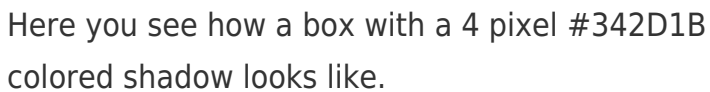
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#342D1B }
```

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

```
.border{ border-color:#342D1B }
```

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



Here you see how a box with a 4 pixel #342D1B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #342D1B; -webkit-box-shadow:4px 4px  
4px 4px #342D1B; box-shadow:4px 4px 4px  
4px #342D1B }
```

Background

The CSS property to change the background color of an element to Hex 342D1B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#342D1B }
```

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

```
.background{ background-color:#342D1B }
```

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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