

Converting Colors

Hex(342C19)

Have a look what the booklet for
Hex(342C19) contains.

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Color

Hex(342C19)

Conversions

Conversions Part 1

Format	Color
Hex	342C19
RGB	52, 44, 25
RGB Percent	20%, 17%, 10%
CMY	0.7961, 0.8275, 0.9020
CMYK	0.00, 0.15, 0.52, 0.80
HSL	42°, 35%, 15%
HSV	42°, 52%, 20%
XYZ	2.4923, 2.6016, 1.2905
YIQ	44.2260, 10.8670, -4.2130

Conversions

Conversions Part 2

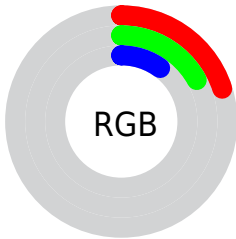
Format	Color
RYB	36, 52, 25
Decimal	3419161
CIELab	18.37, 0.39, 13.66
CIELCh	18, 13.668, 88.366
Yxy	2.6016, 0.3904, 0.4075
Android (android.graphics.Color)	4281609241 (0xFF342C19)
YUV	44.2260, -9.4784, 6.8178
Hunter-Lab	16.1295, -0.6450, 6.5469

Details

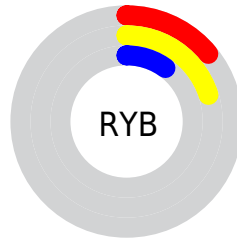
The Hex color **342C19** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **192134**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **635944**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **342A14**, and if you desaturate by 10%, it is **342E1E**.

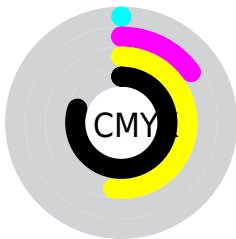
Distribution



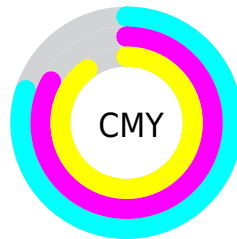
- Red (20%)
- Green (17%)
- Blue (10%)



- Red (14%)
- Yellow (20%)
- Blue (10%)



- Cyan (0%)
- Magenta (15%)
- Yellow (52%)
- Black (80%)



- Cyan (80%)
- Magenta (83%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the Hex color 342C19 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 342C19 by changing the saturation by 10% instead.



342C19



342C19

FFFFFFD



201700



635944



000000



7D725C



978B75



B1A68E



CDC1A9



E9DDC4



FFF9E0



342C19



342C19

■ 342A14

■ 342E1E

■ 34290F

■ 342F23

■ 342709

■ 343129

■ 342604

■ 34322E

■ 342500

■ 343433

■ 343538

■ 34373D

■ 343843

■ 343A48

Harmonies

Analogous

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



3C291C



342C19



2A2F1B

Triad

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



342C19



093236



392737

Complementary

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



342C19



192134

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.



2D2A3E



342C19



0F313D

Square

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



342C19



12322C



1E2E40



3F252E

Rectangle

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



342C19



22311F



1E2E40



35283A

Sweetspot

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



342C19



45423A



341921



24221D



A3A3A3



242424

Same Dimension

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



342C19



45381A



2F3419



1A1917



593F00



D99900

Inverse Universe

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



192134



1A2745



1E1934



17181A



001A59



0040D9

Previews

White Background



This preview shows how the Hex color 342C19 looks on a white background.

Color Contrast Check

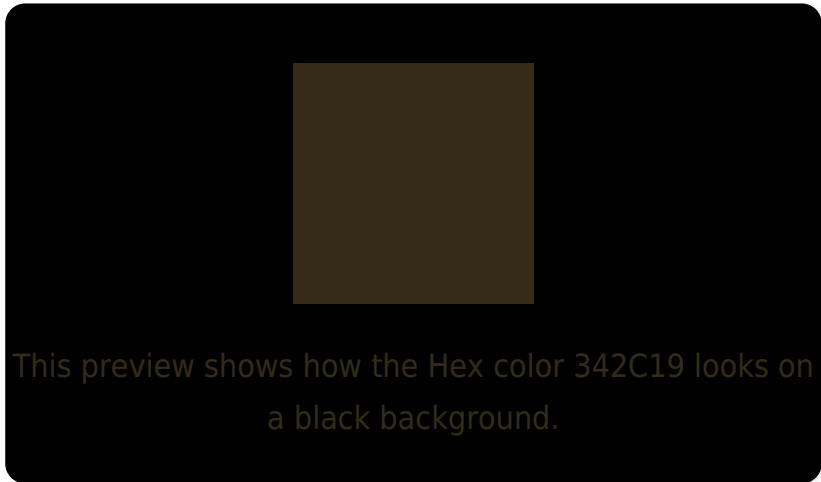
Large Text (above 18pt) WCAG AA ✓ Pass

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

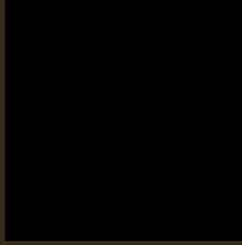
Any Text WCAG AA × Fail

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 342C19 Background



This preview shows how black text looks on a background with the Hex color 342C19.

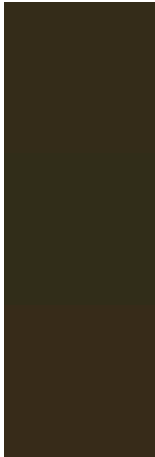


This preview shows how white text looks on a background with the Hex color 342C19.

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](#).

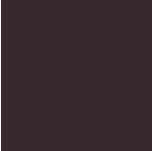
Dichromacy



Original Color
342C19

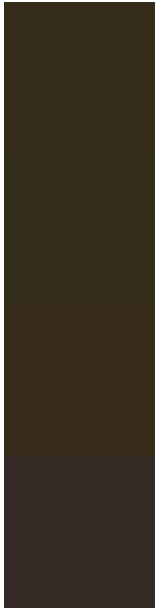
Protanopia
312D19

Deuteranopia
372B19



Tritanopia
362A2D

Trichromacy



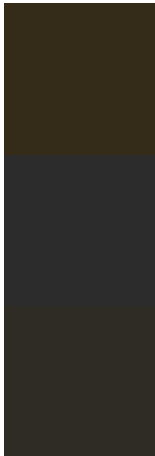
Original Color
342C19

Protanomaly
322D19

Deuteranomaly
362B19

Tritanomaly
352B26

Monochromacy



Original Color
342C19

Achromatopsia
2C2C2C

Achromatomaly
2F2C25

CSS Examples

Text

The CSS property to change the color of the text to Hex 342C19 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 #342C19 looks like.

```
.text, #text, p{  
    color:#342C19  
}
```

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 #342C19 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #342C19
}
```

Border

The CSS property to change the border of an element to Hex 342C19 is called "border". The border property can be set on classes, ids or directly on the HTML element.

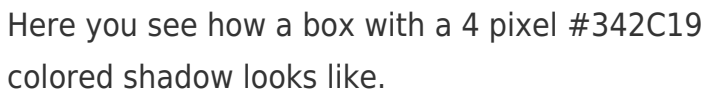
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#342C19 }
```

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

```
.border{ border-color:#342C19 }
```

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



Here you see how a box with a 4 pixel #342C19 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #342C19; -webkit-box-shadow:4px 4px  
4px 4px #342C19; box-shadow:4px 4px 4px  
4px #342C19 }
```

Background

The CSS property to change the background color of an element to Hex 342C19 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#342C19 }
```

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

```
.background{ background-color:#342C19 }
```

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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