

Converting Colors

Hex(342B15)

Have a look what the booklet for
Hex(342B15) contains.

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Color

Hex(342B15)

Conversions

Conversions Part 1

Format	Color
Hex	342B15
RGB	52, 43, 21
RGB Percent	20%, 17%, 8%
CMY	0.7961, 0.8314, 0.9176
CMYK	0.00, 0.17, 0.60, 0.80
HSL	43°, 42%, 14%
HSV	43°, 60%, 20%
XYZ	2.4154, 2.5120, 1.0670
YIQ	43.1830, 12.4260, -4.9340

Conversions

Conversions Part 2

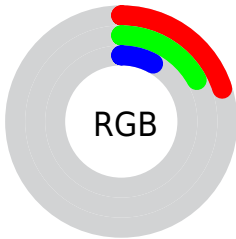
Format	Color
R_{YB}	34, 52, 21
Decimal	3418901
CIE Lab	17.97, 0.57, 15.77
CIE LCh	18, 15.785, 87.940
Yxy	2.5120, 0.4029, 0.4191
Android (android.graphics.Color)	4281608981 (0xFF342B15)
YUV	43.1830, -10.9362, 7.7325
Hunter-Lab	15.8492, -0.5327, 7.1028

Details

The Hex color **342B15** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **151E34**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **645840**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **342910**, and if you desaturate by 10%, it is **342D1A**.

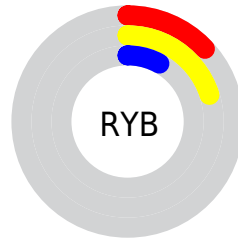
Distribution



Red (20%)

Green (17%)

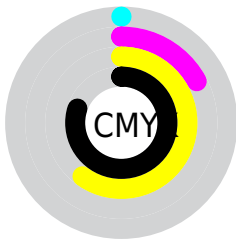
Blue (8%)



Red (13%)

Yellow (20%)

Blue (8%)

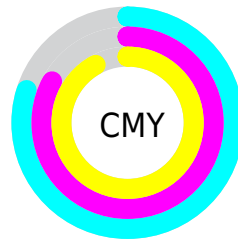


Cyan (0%)

Magenta (17%)

Yellow (60%)

Black (80%)



Cyan (80%)

Magenta (83%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 342B15 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 342B15 by changing the saturation by 10% instead.

 342B15

 342B15

 FFFFF7

 1F1700

 645840

 000000

 7D7157

 978A70

 B2A489

 CEBFA4

 EADBBF

 FFF8DB

 342B15

 342B15

■ 342910

■ 342D1A

■ 34280B

■ 342E1F

■ 342605

■ 343025

■ 342500

■ 34312A

■ 34332F

■ 343434

■ 343639

■ 34373F

■ 343944

Harmonies

Analogous

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



3D2719



342B15



282E17

Triad

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



342B15



003236



392538

Complementary

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



342B15



151E34

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.



2C2940



342B15



03303F

Square

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



342B15



0A322B



192D43



41232D

Rectangle

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



342B15



20301C



192D43



36273B

Sweetspot

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



342B15



454138



34151E



24211C



A3A3A3



242424

Same Dimension

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



342B15



453613



2E3415



1A1917



593F00



D99A00

Inverse Universe

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



151E34



132245



1B1534



17181A



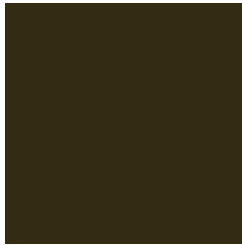
001A59



003FD9

Previews

White Background



This preview shows how the Hex color 342B15 looks on a white background.

Color Contrast Check

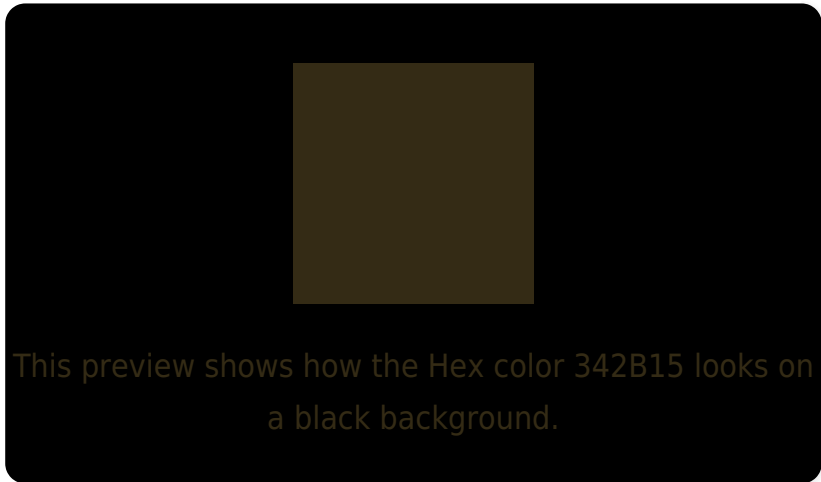
Large Text (above 18pt) WCAG AA ✓ Pass

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

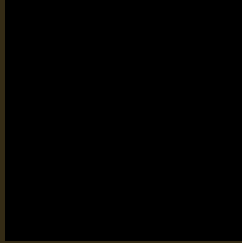
Any Text WCAG AA × Fail

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 342B15 Background



This preview shows how black text looks on a background with the Hex color 342B15.

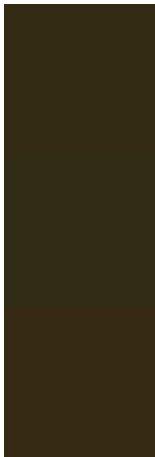


This preview shows how white text looks on a background with the Hex color 342B15.

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
342B15

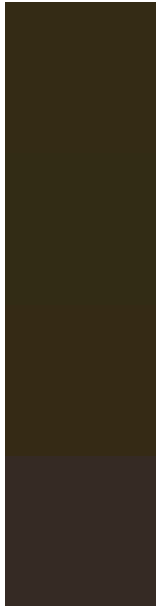
Protanopia
312C15

Deuteranopia
362A15



Tritanopia
36292C

Trichromacy



Original Color
342B15

Protanomaly
322C15

Deuteranomaly
352A15

Tritanomaly
352A24

Monochromacy



Original Color
342B15

Achromatopsia
2B2B2B

Achromatomaly
2E2B23

CSS Examples

Text

The CSS property to change the color of the text to Hex 342B15 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 #342B15 looks like.

```
.text, #text, p{  
    color:#342B15  
}
```

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 #342B15 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #342B15
}
```

Border

The CSS property to change the border of an element to Hex 342B15 is called "border". The border property can be set on classes, ids or directly on the HTML element.

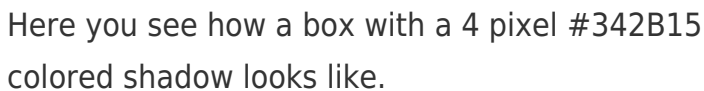
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#342B15 }
```

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

```
.border{ border-color:#342B15 }
```

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



Here you see how a box with a 4 pixel #342B15 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #342B15; -webkit-box-shadow:4px 4px  
4px 4px #342B15; box-shadow:4px 4px 4px  
4px #342B15 }
```

Background

The CSS property to change the background color of an element to Hex 342B15 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#342B15 }
```

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

```
.background{ background-color:#342B15 }
```

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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