

Converting Colors

Hex(342B01)

Have a look what the booklet for
Hex(342B01) contains.

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Color

Hex(342B01)

Conversions

Conversions Part 1

Format	Color
Hex	342B01
RGB	52, 43, 1
RGB Percent	20%, 17%, 0%
CMY	0.7961, 0.8314, 0.9961
CMYK	0.00, 0.17, 0.98, 0.80
HSL	49°, 96%, 10%
HSV	49°, 98%, 20%
XYZ	2.2855, 2.4600, 0.3831
YIQ	40.9030, 18.8460, -11.1540

Conversions

Conversions Part 2

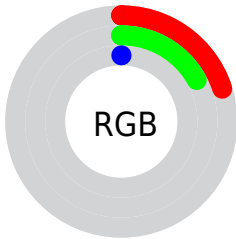
Format	Color
RYB	12, 52, 1
Decimal	3418881
CIELab	17.74, -1.10, 25.10
CIELCh	18, 25.125, 92.508
Yxy	2.4600, 0.4456, 0.4797
Android (android.graphics.Color)	4281608961 (0xFF342B01)
YUV	40.9030, -19.6722, 9.7321
Hunter-Lab	15.6844, -1.4368, 9.5310

Details

The Hex color **342B01** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **010A34**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **645830**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **342B00**, and if you desaturate by 10%, it is **342C06**.

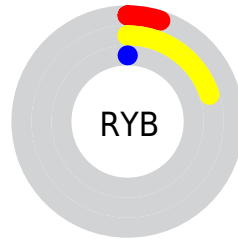
Distribution



Red (20%)

Green (17%)

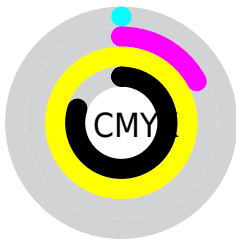
Blue (0%)



Red (5%)

Yellow (20%)

Blue (0%)

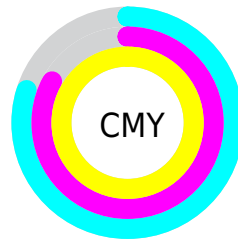


Cyan (0%)

Magenta (17%)

Yellow (98%)

Black (80%)



Cyan (80%)

Magenta (83%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 342B01 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 342B01 by changing the saturation by 10% instead.

 342B01

 342B01

 FFFFE4

 1D1700

 645830

 000000

 7E7147

 988A5F

 B4A478

 D0BF92

 ECDBAC

 FFF7C8

 342B01

 342B01

■ 342B00

■ 342C06

■ 342D0B

■ 342E11

■ 342F16

■ 34301B

■ 343120

■ 343125

■ 34322B

■ 343330

Harmonies

Analogous

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



422409



342B01



21300A

Triad

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



342B01



00343E



431E3C

Complementary

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



342B01



010A34

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.



2E264A



342B01



00324B

Square

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



342B01



00342C



022D50



4C1B2B

Rectangle

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



342B01



113214



022D50



3D2142

Sweetspot

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



342B01



454131



34010A



242117



A3A3A3



242424

Same Dimension

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



342B01



453900



243401



1A1917



594A00



D9B300

Inverse Universe

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



010A34



000C45



110134



17171A



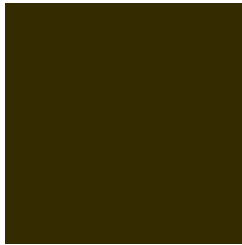
001059



0026D9

Previews

White Background



This preview shows how the Hex color 342B01 looks on a white background.

Color Contrast Check

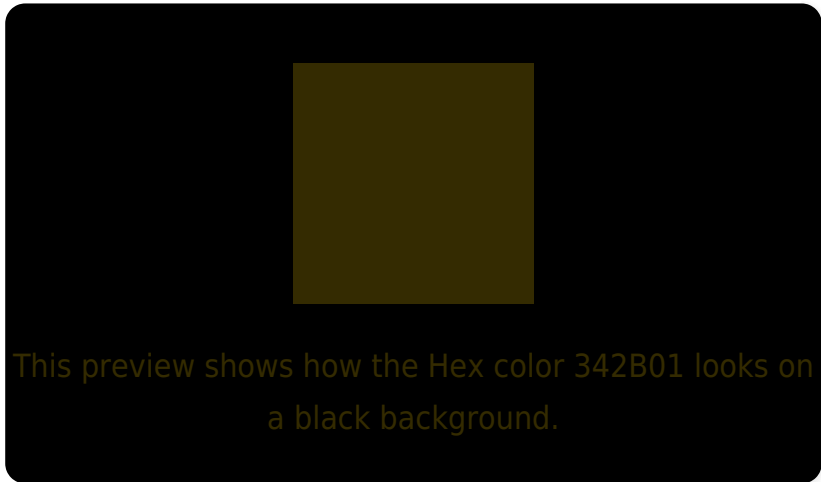
Large Text (above 18pt) WCAG AA ✓ Pass

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

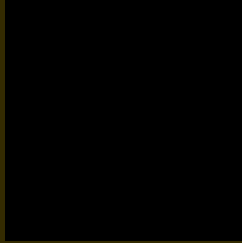
Any Text WCAG AA × Fail

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 342B01 Background



This preview shows how black text looks on a background with the Hex color 342B01.

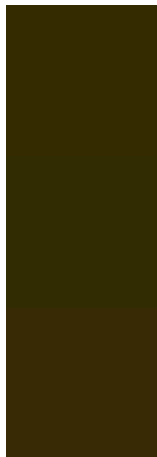


This preview shows how white text looks on a background with the Hex color 342B01.

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

342B01

Protanopia

312C02

Deuteranopia

372A04



Tritanopia
36282B

Trichromacy



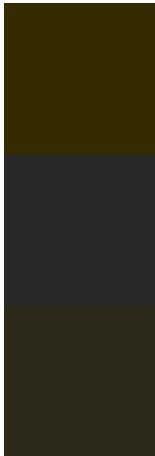
Original Color
342B01

Protanomaly
322C02

Deuteranomaly
362A03

Tritanomaly
35291C

Monochromacy



Original Color
342B01

Achromatopsia
292929

Achromatomaly
2D2A1A

CSS Examples

Text

The CSS property to change the color of the text to Hex 342B01 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 #342B01 looks like.

```
.text, #text, p{  
    color:#342B01  
}
```

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 #342B01 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #342B01
}
```

Border

The CSS property to change the border of an element to Hex 342B01 is called "border". The border property can be set on classes, ids or directly on the HTML element.

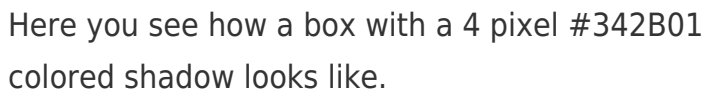
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#342B01 }
```

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

```
.border{ border-color:#342B01 }
```

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



Here you see how a box with a 4 pixel #342B01 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #342B01; -webkit-box-shadow:4px 4px  
4px 4px #342B01; box-shadow:4px 4px 4px  
4px #342B01 }
```

Background

The CSS property to change the background color of an element to Hex 342B01 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#342B01 }
```

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

```
.background{ background-color:#342B01 }
```

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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