

Converting Colors

Hex(342A00)

Have a look what the booklet for
Hex(342A00) contains.

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Color

Hex(342A00)

Conversions

Conversions Part 1

Format	Color
Hex	342A00
RGB	52, 42, 0
RGB Percent	20%, 16%, 0%
CMY	0.7961, 0.8353, 1.0000
CMYK	0.00, 0.19, 1.00, 0.80
HSL	48°, 100%, 10%
HSV	48°, 100%, 20%
XYZ	2.2441, 2.3860, 0.3423
YIQ	40.2020, 19.4420, -10.9420

Conversions

Conversions Part 2

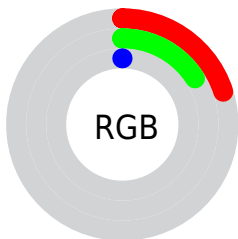
Format	Color
RYB	12, 52, 0
Decimal	3418624
CIELab	17.39, -0.50, 25.10
CIELCh	17, 25.101, 91.148
Yxy	2.3860, 0.4513, 0.4798
Android (android.graphics.Color)	4281608704 (0xFF342A00)
YUV	40.2020, -19.8196, 10.3468
Hunter-Lab	15.4467, -1.0986, 9.4989

Details

The Hex color **342A00** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **000A34**, and the grayscale version is **282828**.

A 20% lighter version of the original color is **64572F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **342A00**, and if you desaturate by 10%, it is **342B05**.

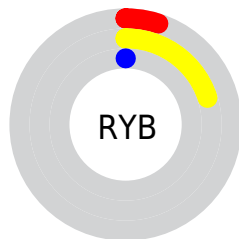
Distribution



Red (20%)

Green (16%)

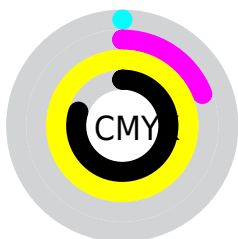
Blue (0%)



Red (5%)

Yellow (20%)

Blue (0%)

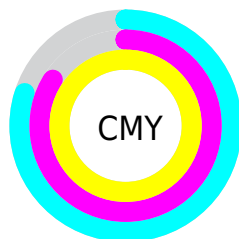


Cyan (0%)

Magenta (19%)

Yellow (100%)

Black (80%)



Cyan (80%)

Magenta (84%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 342A00 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 342A00 by changing the saturation by 10% instead.

 342A00

 342A00

 FFFFE3

 1D1600

 64572F

 000000

 7E6F46

 98895E

 B4A377

 D0BE91

 ECDAAC

 FFF6C7

 342A00

■ 342B05

■ 342C0A

■ 342D10

■ 342E15

■ 342F1A

■ 34301F

■ 343124

■ 34322A

■ 34332F

Harmonies

Analogous

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



422309



342A00



222F08

Triad

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



342A00



00333D



411E3C

Complementary

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



342A00



000A34

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.



2C264A



342A00



00314A

Square

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



342A00



00332B



002D4F



4B1A2B

Rectangle

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



342A00



113113



002D4F



3B2042

Sweetspot

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



342A00



454130



34000A



242117



A3A3A3



242424

Same Dimension

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



342A00



453800



243400



1A1917



594800



D9AF00

Inverse Universe

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



000A34



000D45



100034



17171A



001159



002AD9

Previews

White Background



This preview shows how the Hex color 342A00 looks on a white background.

Color Contrast Check

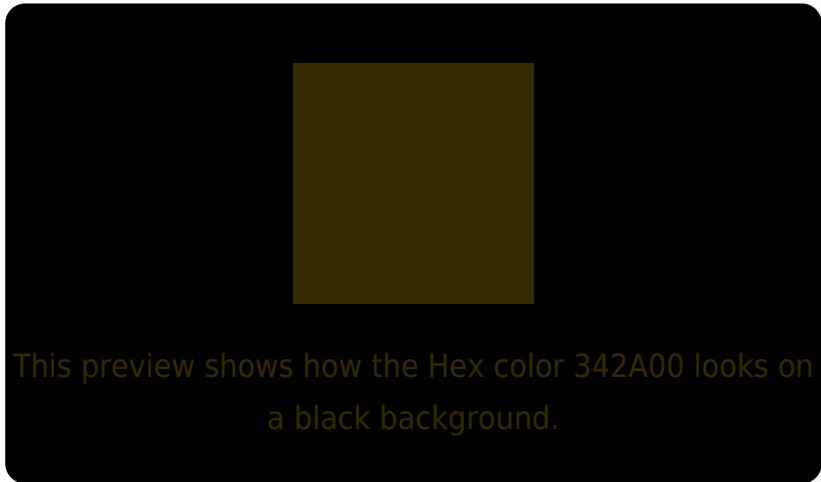
Large Text (above 18pt) WCAG AA ✓ Pass

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

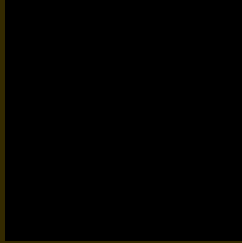
Any Text WCAG AA × Fail

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 342A00 Background



This preview shows how black text looks on a background with the Hex color 342A00.

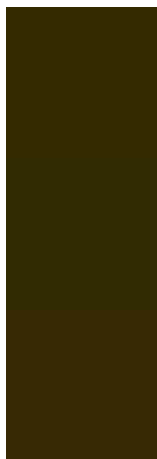


This preview shows how white text looks on a background with the Hex color 342A00.

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

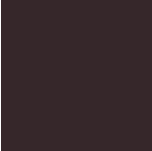
342A00

Protanopia

312B02

Deuteranopia

372904



Tritanopia
36272A

Trichromacy



Original Color
342A00

Protanomaly
322B01

Deuteranomaly
362903

Tritanomaly
35281B

Monochromacy



Original Color
342A00

Achromatopsia
282828

Achromatomaly
2C2919

CSS Examples

Text

The CSS property to change the color of the text to Hex 342A00 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 #342A00 looks like.

```
.text, #text, p{  
    color:#342A00  
}
```

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 #342A00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #342A00
}
```

Border

The CSS property to change the border of an element to Hex 342A00 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
#342A00 }
```

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

```
.border{ border-color:#342A00 }
```

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

Here you see how a box with a 4 pixel #342A00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #342A00; -webkit-box-shadow:4px 4px  
4px 4px #342A00; box-shadow:4px 4px 4px  
4px #342A00 }
```

Background

The CSS property to change the background color of an element to Hex 342A00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#342A00 }
```

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

```
.background{ background-color:#342A00 }
```

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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