

Converting Colors

Hex(342800)

Have a look what the booklet for
Hex(342800) contains.

Hex(342800)	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(342800)

Conversions

Conversions Part 1

Format	Color
Hex	342800
RGB	52, 40, 0
RGB Percent	20%, 16%, 0%
CMY	0.7961, 0.8431, 1.0000
CMYK	0.00, 0.23, 1.00, 0.80
HSL	46°, 100%, 10%
HSV	46°, 100%, 20%
XYZ	2.1750, 2.2476, 0.3192
YIQ	39.0280, 19.9920, -9.8960

Conversions

Conversions Part 2

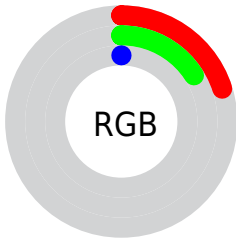
Format	Color
RYB	16, 52, 0
Decimal	3418112
CIELab	16.74, 0.85, 24.29
CIElCh	17, 24.305, 88.006
Yxy	2.2476, 0.4587, 0.4740
Android (android.graphics.Color)	4281608192 (0xFF342800)
YUV	39.0280, -19.2408, 11.3764
Hunter-Lab	14.9922, -0.3406, 9.2321

Details

The Hex color **342800** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **000C34**, and the grayscale version is **272727**.

A 20% lighter version of the original color is **64552F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **342800**, and if you desaturate by 10%, it is **342905**.

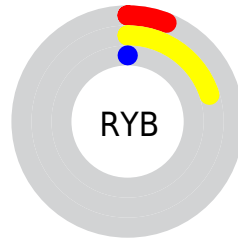
Distribution



Red (20%)

Green (16%)

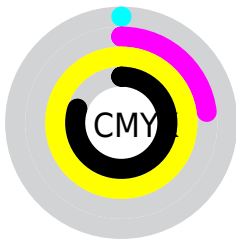
Blue (0%)



Red (6%)

Yellow (20%)

Blue (0%)

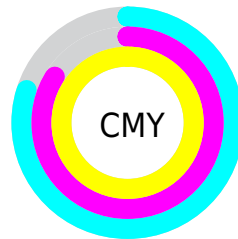


Cyan (0%)

Magenta (23%)

Yellow (100%)

Black (80%)



Cyan (80%)

Magenta (84%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 342800 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 342800 by changing the saturation by 10% instead.

 342800

 342800

 FFFFE3

 1D1400

 64552F

 000000

 7E6D46

 99865E

 B4A077

 D0BB91

 ECD7AB

 FFF3C7

 342800

■ 342905

■ 342A0A

■ 342C10

■ 342D15

■ 342E1A

■ 342F1F

■ 343024

■ 34322A

■ 34332F

Harmonies

Analogous

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



41210A



342800



232D06

Triad

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



342800



003239



3D1E3C

Complementary

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



342800



000C34

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.



282548



342800



003047

Square

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



342800



003228



002C4C



48192B

Rectangle

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



342800



142F11



002C4C



372041

Sweetspot

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



342800



454030



34000C



242117



A3A3A3



242424

Same Dimension

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



342800



453500



263400



1A1917



594500



D9A700

Inverse Universe

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



000C34



001045



0E0034



17181A



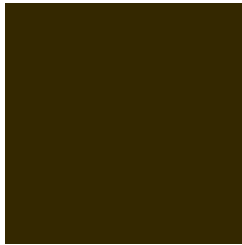
001559



0032D9

Previews

White Background



This preview shows how the Hex color 342800 looks on a white background.

Color Contrast Check

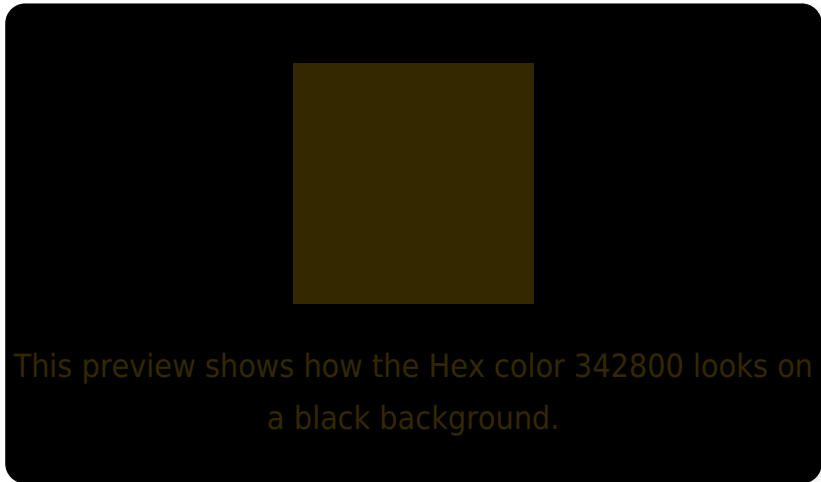
Large Text (above 18pt) WCAG AA ✓ Pass

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

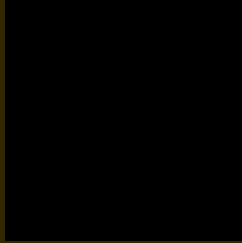
Any Text WCAG AA × Fail

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 342800 Background



This preview shows how black text looks on a background with the Hex color 342800.

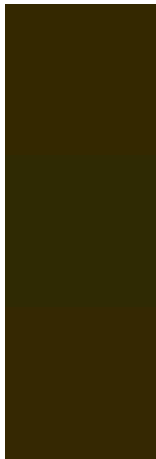


This preview shows how white text looks on a background with the Hex color 342800.

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](#).

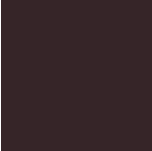
Dichromacy



Original Color
342800

Protanopia
2F2A03

Deuteranopia
352802



Tritanopia
362528

Trichromacy



Original Color
342800

Protanomaly
312902

Deuteranomaly
352801

Tritanomaly
352619

Monochromacy



Original Color
342800

Achromatopsia
272727

Achromatomaly
2C2719

CSS Examples

Text

The CSS property to change the color of the text to Hex 342800 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 #342800 looks like.

```
.text, #text, p{  
    color:#342800  
}
```

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 #342800 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #342800
}
```

Border

The CSS property to change the border of an element to Hex 342800 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
#342800 }
```

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

```
.border{ border-color:#342800 }
```

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

Here you see how a box with a 4 pixel #342800 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #342800; -webkit-box-shadow:4px 4px  
4px 4px #342800; box-shadow:4px 4px 4px  
4px #342800 }
```

Background

The CSS property to change the background color of an element to Hex 342800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#342800 }
```

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

```
.background{ background-color:#342800 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor