

Converting Colors

Hex(342C00)

Have a look what the booklet for
Hex(342C00) contains.

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Color

Hex(342C00)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 342C00 |
| RGB | 52, 44, 0 |
| RGB Percent | 20%, 17%, 0% |
| CMY | 0.7961, 0.8275, 1.0000 |
| CMYK | 0.00, 0.15, 1.00, 0.80 |
| HSL | 51°, 100%, 10% |
| HSV | 51°, 100%, 20% |
| XYZ | 2.3169, 2.5314, 0.3665 |
| YIQ | 41.3760, 18.8920, -11.9880 |

Conversions

Conversions Part 2

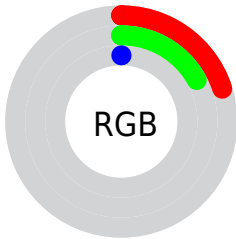
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 9, 52, 0 |
| Decimal | 3419136 |
| CIE Lab | 18.06, -1.84, 25.90 |
| CIE LCh | 18, 25.961, 94.058 |
| Yxy | 2.5314, 0.4443, 0.4854 |
| Android (android.graphics.Color) | 4281609216 (0xFF342C00) |
| YUV | 41.3760, -20.3984, 9.3172 |
| Hunter-Lab | 15.9105, -1.8504, 9.7716 |

Details

The Hex color **342C00** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **000834**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **64592F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **342C00**, and if you desaturate by 10%, it is **342D05**.

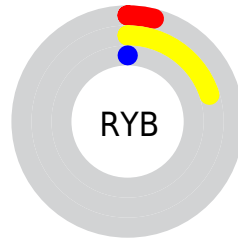
Distribution



Red (20%)

Green (17%)

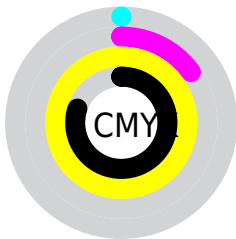
Blue (0%)



Red (4%)

Yellow (20%)

Blue (0%)

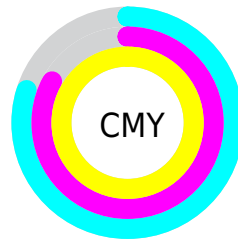


Cyan (0%)

Magenta (15%)

Yellow (100%)

Black (80%)



Cyan (80%)

Magenta (83%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 342C00 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 342C00 by changing the saturation by 10% instead.

 342C00

 342C00

 FFFFE3

 1D1800

 64592F

 000000

 7E7246

 988B5E

 B4A577

 D0C091

 EDCAC

 FFF9C7

 342C00

■ 342D05

■ 342E0A

■ 342E10

■ 342F15

■ 34301A

■ 34311F

■ 343224

■ 34322A

■ 34332F

Harmonies

Analogous

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



432507



342C00



20310A

Triad

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



342C00



003541



451E3D

Complementary

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



342C00



000834

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.



30264B



342C00



00324E

Square

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



342C00



00352E



032D52



4E1A2A

Rectangle

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



342C00



0E3315



032D52



3F2142

Sweetspot

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



342C00



454230



340009



242217



A3A3A3



242424

Same Dimension

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



342C00



453A00



233400



1A1917



594C00



D9B700

Inverse Universe

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



000834



000B45



110034



17171A



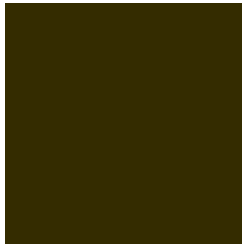
000E59



0021D9

Previews

White Background



This preview shows how the Hex color 342C00 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

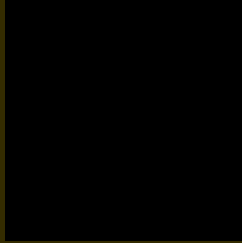
Any Text WCAG AA × Fail

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 342C00 Background



This preview shows how black text looks on a background with the Hex color 342C00.

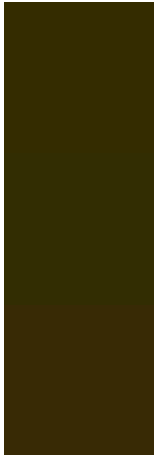


This preview shows how white text looks on a background with the Hex color 342C00.

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
342C00

Protanopia
322D02

Deuteranopia
382A05



Tritanopia
36292C

Trichromacy



Original Color
342C00

Protanomaly
332D01

Deuteranomaly
372B03

Tritanomaly
352A1C

Monochromacy



Original Color
342C00

Achromatopsia
292929

Achromatomaly
2D2A1A

CSS Examples

Text

The CSS property to change the color of the text to Hex 342C00 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 #342C00 looks like.

```
.text, #text, p{  
    color:#342C00  
}
```

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 #342C00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #342C00
}
```

Border

The CSS property to change the border of an element to Hex 342C00 is called "border". The border property can be set on classes, ids or directly on the HTML element.

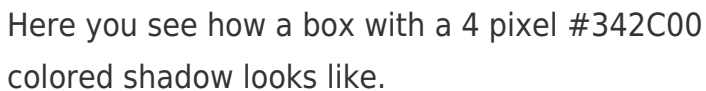
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#342C00 }
```

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

```
.border{ border-color:#342C00 }
```

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



Here you see how a box with a 4 pixel #342C00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #342C00; -webkit-box-shadow:4px 4px  
4px 4px #342C00; box-shadow:4px 4px 4px  
4px #342C00 }
```

Background

The CSS property to change the background color of an element to Hex 342C00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#342C00 }
```

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

```
.background{ background-color:#342C00 }
```

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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