

Converting Colors

Hex(342E03)

Have a look what the booklet for
Hex(342E03) contains.

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Color

Hex(342E03)

Conversions

Conversions Part 1

Format	Color
Hex	342E03
RGB	52, 46, 3
RGB Percent	20%, 18%, 1%
CMY	0.7961, 0.8196, 0.9882
CMYK	0.00, 0.12, 0.94, 0.80
HSL	53°, 89%, 11%
HSV	53°, 94%, 20%
XYZ	2.4096, 2.6906, 0.4785
YIQ	42.8920, 17.3790, -12.1010

Conversions

Conversions Part 2

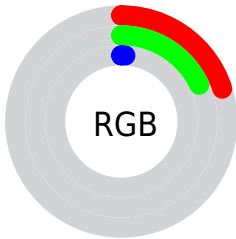
Format	Color
R_{YB}	10, 52, 3
Decimal	3419651
CIE Lab	18.76, -2.94, 25.50
CIE LCh	19, 25.669, 96.583
Yxy	2.6906, 0.4319, 0.4823
Android (android.graphics.Color)	4281609731 (0xFF342E03)
YUV	42.8920, -19.6668, 7.9877
Hunter-Lab	16.4031, -2.4840, 9.7527

Details

The Hex color **342E03** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **030934**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **645C31**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **342E00**, and if you desaturate by 10%, it is **342F08**.

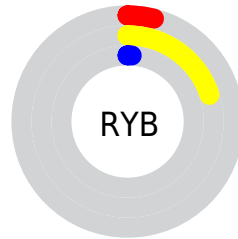
Distribution



Red (20%)

Green (18%)

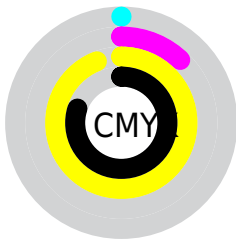
Blue (1%)



Red (4%)

Yellow (20%)

Blue (1%)

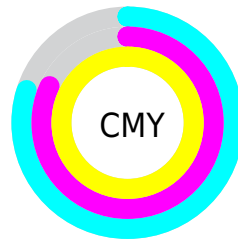


Cyan (0%)

Magenta (12%)

Yellow (94%)

Black (80%)



Cyan (80%)

Magenta (82%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the Hex color 342E03 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 342E03 by changing the saturation by 10% instead.

 342E03

 342E03

 FFFFE6

 1D1900

 645C31

 000000

 7E7448

 988E60

 B4A87A

 CFC394

 ECDFAE

 FFFCCA

 342E03

 342E03

■ 342E00

■ 342F08

■ 342F0D

■ 343013

■ 343118

■ 34311D

■ 343222

■ 343227

■ 34332D

■ 343432

Harmonies

Analogous

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



432709



342E03



20330E

Triad

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



342E03



003643



471F3D

Complementary

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



342E03



030934

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.



34274C



342E03



003350

Square

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



342E03



003731



0D2E53



4F1C2A

Rectangle

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



342E03



0E3518



0D2E53



422242

Sweetspot

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



342E03



454232



34030A



242218



A3A3A3



242424

Same Dimension

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



342E03



453C00



223403



1A1917



594E00



D9BE00

Inverse Universe

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



030934



000845



150334



17171A



000B59



001BD9

Previews

White Background



This preview shows how the Hex color 342E03 looks on a white background.

Color Contrast Check

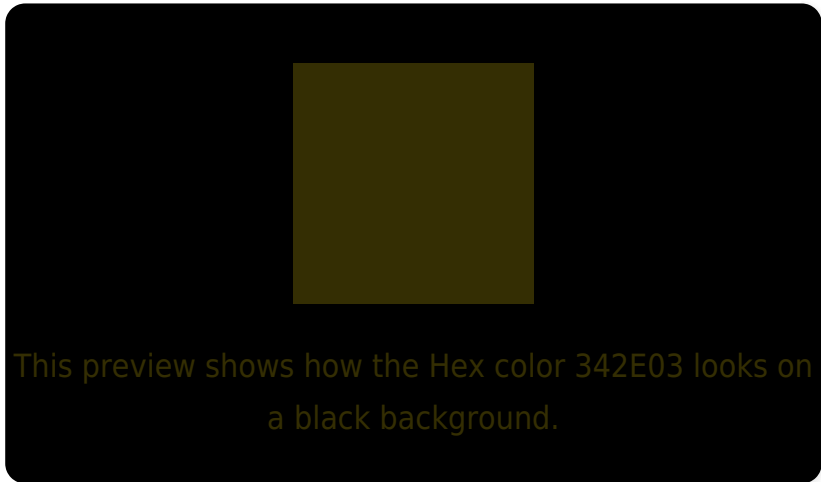
Large Text (above 18pt) WCAG AA ✓ Pass

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

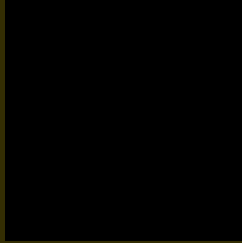
Any Text WCAG AA × Fail

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 342E03 Background



This preview shows how black text looks on a background with the Hex color 342E03.



This preview shows how white text looks on a background with the Hex color 342E03.

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
342E03

Protanopia
342E03

Deuteranopia
3A2C06



Tritanopia
372B2E

Trichromacy



Original Color
342E03

Protanomaly
342E03

Deuteranomaly
382D05

Tritanomaly
362C1E

Monochromacy



Original Color
342E03

Achromatopsia
2B2B2B

Achromatomaly
2E2C1C

CSS Examples

Text

The CSS property to change the color of the text to Hex 342E03 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 #342E03 looks like.

```
.text, #text, p{  
    color:#342E03  
}
```

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 #342E03 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #342E03
}
```

Border

The CSS property to change the border of an element to Hex 342E03 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".

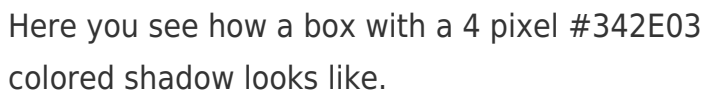
```
.border, #border, table{ border:4px solid
#342E03 }
```

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

```
.border{ border-color:#342E03 }
```

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

Here you see how a box with a 4 pixel #342E03 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #342E03; -webkit-box-shadow:4px 4px  
4px 4px #342E03; box-shadow:4px 4px 4px  
4px #342E03 }
```

Background

The CSS property to change the background color of an element to Hex 342E03 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#342E03 }
```

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

```
.background{ background-color:#342E03 }
```

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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