

Converting Colors

Hex(342231)

Have a look what the booklet for
Hex(342231) contains.

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Color

Hex(342231)

Conversions

Conversions Part 1

Format	Color
Hex	342231
RGB	52, 34, 49
RGB Percent	20%, 13%, 19%
CMY	0.7961, 0.8667, 0.8078
CMYK	0.00, 0.35, 0.06, 0.80
HSL	310°, 21%, 17%
HSV	310°, 35%, 20%
XYZ	2.5426, 2.0959, 3.1763
YIQ	41.0920, 5.9130, 8.4810

Conversions

Conversions Part 2

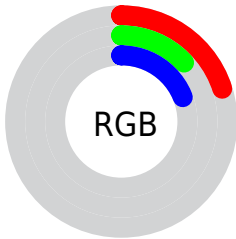
Format	Color
R _Y B	52, 34, 49
Decimal	3416625
CIE Lab	15.98, 11.68, -6.42
CIE LCh	16, 13.332, 331.189
Yxy	2.0959, 0.3254, 0.2682
Android (android.graphics.Color)	4281606705 (0xFF342231)
YUV	41.0920, 3.8986, 9.5663
Hunter-Lab	14.4771, 6.0145, -2.8742

Details

The Hex color **342231** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **223425**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **634F5F**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **341D30**, and if you desaturate by 10%, it is **342732**.

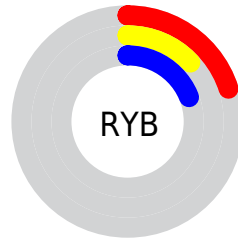
Distribution



Red (20%)

Green (13%)

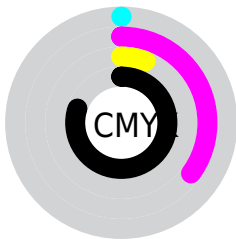
Blue (19%)



Red (20%)

Yellow (13%)

Blue (19%)

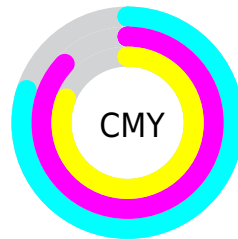


Cyan (0%)

Magenta (35%)

Yellow (6%)

Black (80%)



Cyan (80%)

Magenta (87%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 342231 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 342231 by changing the saturation by 10% instead.



342231



342231

FFFFFF



1F0D1C



634F5F



000000



7C6778



968092



B19AAC



CCB5C7



E8D0E3



FFECFF



342231



342231

■ 341D30

■ 342732

■ 34182F

■ 342C33

■ 34122E

■ 343234

■ 340D2E

■ 343734

■ 34082D

■ 343C35

■ 34032C

■ 344136

■ 34002B

■ 344637

■ 344C38

■ 345139

Harmonies

Analogous

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



292538



342231



3A2028

Triad

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



342231



2E2715



052D31

Complementary

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



342231



223425

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.



0C2D28



342231



242A17

Square

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



342231



352417



192C1E



0B2B38

Rectangle

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



342231



3A2121



192C1E



062D2E

Sweetspot

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



342231



453E44



252234



241F23



A3A3A3



242424

Same Dimension

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



342231



452840



342228



1A1719



59004A



D900B5

Inverse Universe

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



342231



452840



22342E



1A1719



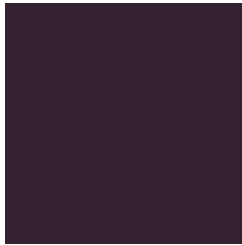
59004A



D900B5

Previews

White Background



This preview shows how the Hex color 342231 looks on a white background.

Color Contrast Check

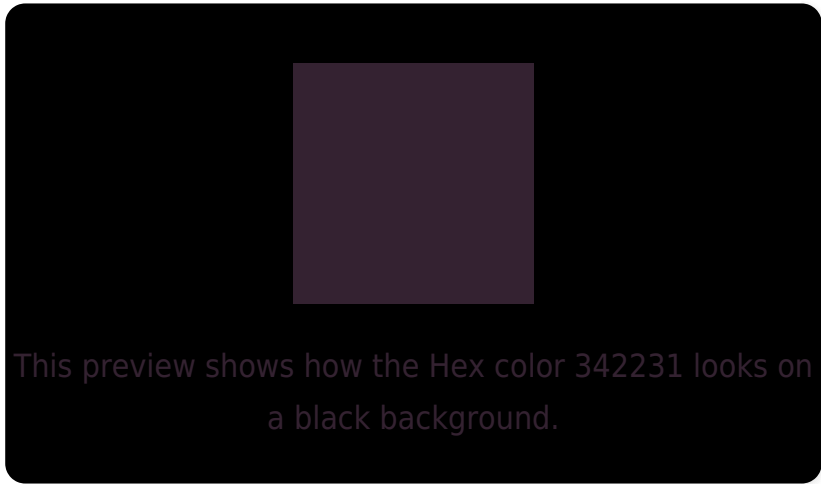
Large Text (above 18pt) WCAG AA ✓ Pass

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

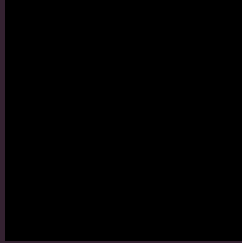
Any Text WCAG AA × Fail

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 342231 Background



This preview shows how black text looks on a background with the Hex color 342231.



This preview shows how white text looks on a background with the Hex color 342231.

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
342231

Protanopia
242835

Deuteranopia
282730



Tritanopia
332427

Trichromacy



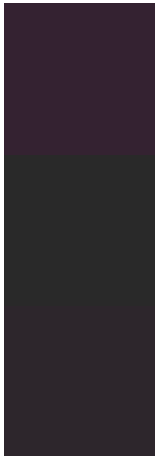
Original Color
342231

Protanomaly
2A2634

Deuteranomaly
2C2530

Tritanomaly
33232B

Monochromacy



Original Color
342231

Achromatopsia
292929

Achromatomaly
2D262C

CSS Examples

Text

The CSS property to change the color of the text to Hex 342231 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 #342231 looks like.

```
.text, #text, p{  
    color:#342231  
}
```

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 #342231 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #342231
}
```

Border

The CSS property to change the border of an element to Hex 342231 is called "border". The border property can be set on classes, ids or directly on the HTML element.

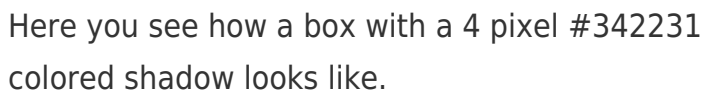
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#342231 }
```

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

```
.border{ border-color:#342231 }
```

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



Here you see how a box with a 4 pixel #342231 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #342231; -webkit-box-shadow:4px 4px  
4px 4px #342231; box-shadow:4px 4px 4px  
4px #342231 }
```

Background

The CSS property to change the background color of an element to Hex 342231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#342231 }
```

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

```
.background{ background-color:#342231 }
```

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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