

Converting Colors

Hex(342335)

Have a look what the booklet for
Hex(342335) contains.

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Color

Hex(342335)

Conversions

Conversions Part 1

Format	Color
Hex	342335
RGB	52, 35, 53
RGB Percent	20%, 14%, 21%
CMY	0.7961, 0.8627, 0.7922
CMYK	0.02, 0.34, 0.00, 0.79
HSL	297°, 20%, 17%
HSV	297°, 34%, 21%
XYZ	2.6598, 2.1892, 3.6505
YIQ	42.1350, 4.3540, 9.2020

Conversions

Conversions Part 2

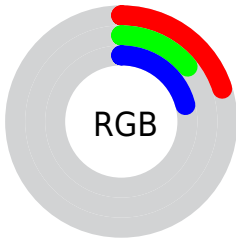
Format	Color
R_{YB}	52, 35, 53
Decimal	3416885
CIE _{Lab}	16.45, 11.93, -8.54
CIE _{LCh}	16, 14.672, 324.396
Yxy	2.1892, 0.3129, 0.2576
Android (android.graphics.Color)	4281606965 (0xFF342335)
YUV	42.1350, 5.3564, 8.6516
Hunter-Lab	14.7958, 6.1957, -4.2713

Details

The Hex color **342335** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **243523**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **635064**, and **000006** is the 20% darker color. If you saturate the color by 10%, you get **341E35**, and if you desaturate by 10%, it is **342835**.

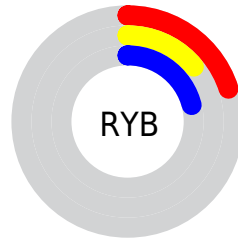
Distribution



Red (20%)

Green (14%)

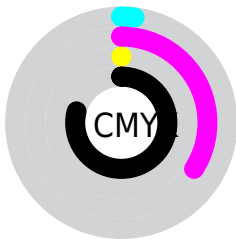
Blue (21%)



Red (20%)

Yellow (14%)

Blue (21%)

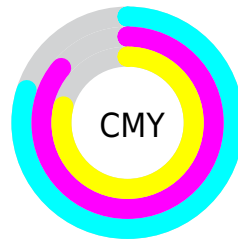


Cyan (2%)

Magenta (34%)

Yellow (0%)

Black (79%)



Cyan (80%)

Magenta (86%)

Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Hex color 342335 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 342335 by changing the saturation by 10% instead.



342335



342335

FFFFFF



1F0E20



635064



000006



7C687D



000000



968196



B19BB1



CCB6CD



E8D1E9



FFEEFF



342335



342335

■ 341E35

■ 342835

■ 331835

■ 352E35

■ 331335

■ 353335

■ 330E35

■ 353835

■ 330835

■ 353E35

■ 320335

■ 364335

■ 320035

■ 364835

■ 364D35

■ 375335

Harmonies

Analogous

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



27273C



342335



3B212B

Triad

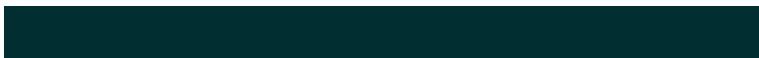
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



342335



312714



002E31

Complementary

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



342335



243523

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.



0C2E26



342335



272B15

Square

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



342335



392418



1B2D1C



032D39

Rectangle

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



342335



3D2124



1B2D1C



032E2E

Sweetspot

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



342335



443E45



232435



231F24



A3A3A3



242424

Same Dimension

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



342335



432945



35232D



19171A



540059



CD00D9

Inverse Universe

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



352324



45292A



23352B



1A1717



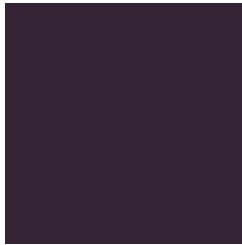
590005



D9000C

Previews

White Background



This preview shows how the Hex color 342335 looks on a white background.

Color Contrast Check

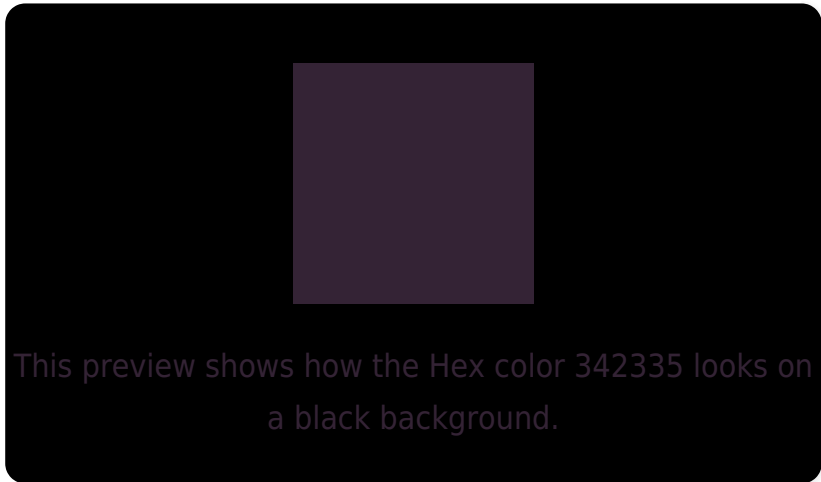
Large Text (above 18pt) WCAG AA ✓ Pass

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

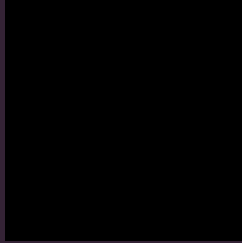
Any Text WCAG AA × Fail

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 342335 Background



This preview shows how black text looks on a background with the Hex color 342335.



This preview shows how white text looks on a background with the Hex color 342335.

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](#).

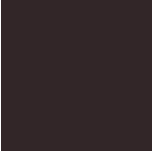
Dichromacy



Original Color
342335

Protanopia
242839

Deuteranopia
272834



Tritanopia
322628

Trichromacy



Original Color

342335

Protanomaly

2A2638

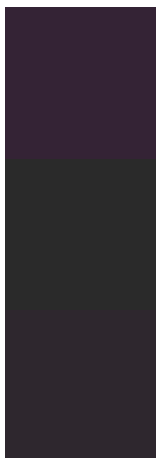
Deuteranomaly

2C2634

Tritanomaly

33252D

Monochromacy



Original Color

342335

Achromatopsia

2A2A2A

Achromatomaly

2E272E

CSS Examples

Text

The CSS property to change the color of the text to Hex 342335 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 #342335 looks like.

```
.text, #text, p{  
    color:#342335  
}
```

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 #342335 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #342335
}
```

Border

The CSS property to change the border of an element to Hex 342335 is called "border". The border property can be set on classes, ids or directly on the HTML element.

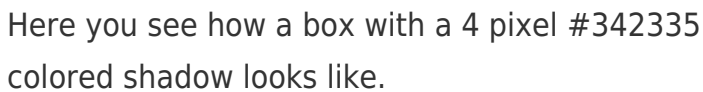
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#342335 }
```

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

```
.border{ border-color:#342335 }
```

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



Here you see how a box with a 4 pixel #342335 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #342335; -webkit-box-shadow:4px 4px  
4px 4px #342335; box-shadow:4px 4px 4px  
4px #342335 }
```

Background

The CSS property to change the background color of an element to Hex 342335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#342335 }
```

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

```
.background{ background-color:#342335 }
```

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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