

Converting Colors

Hex(342837)

Have a look what the booklet for
Hex(342837) contains.

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Color

Hex(342837)

Conversions

Conversions Part 1

Format	Color
Hex	342837
RGB	52, 40, 55
RGB Percent	20%, 16%, 22%
CMY	0.7961, 0.8431, 0.7843
CMYK	0.05, 0.27, 0.00, 0.78
HSL	288°, 16%, 19%
HSV	288°, 27%, 22%
XYZ	2.8646, 2.5235, 3.9505
YIQ	45.2980, 2.3370, 7.2090

Conversions

Conversions Part 2

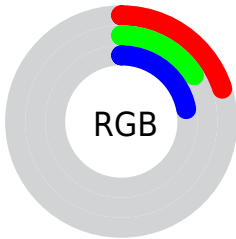
Format	Color
R_{YB}	52, 40, 55
Decimal	3418167
CIE Lab	18.02, 8.94, -7.55
CIE LCh	18, 11.702, 319.835
Yxy	2.5235, 0.3067, 0.2702
Android (android.graphics.Color)	4281608247 (0xFF342837)
YUV	45.2980, 4.7831, 5.8777
Hunter-Lab	15.8855, 4.3885, -3.6249

Details

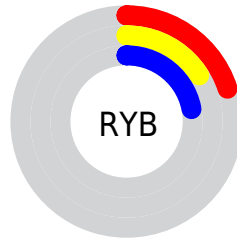
The Hex color **342837** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2B3728**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **635566**, and **00000A** is the 20% darker color. If you saturate the color by 10%, you get **332337**, and if you desaturate by 10%, it is **352E37**.

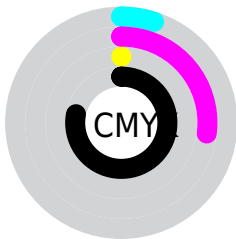
Distribution



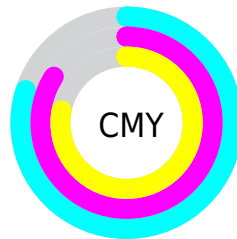
- Red (20%)
- Green (16%)
- Blue (22%)



- Red (20%)
- Yellow (16%)
- Blue (22%)



- Cyan (5%)
- Magenta (27%)
- Yellow (0%)
- Black (78%)



- Cyan (80%)
- Magenta (84%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 342837 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 342837 by changing the saturation by 10% instead.

■ 342837

■ 342837

FFFFFF

■ 1F1422

■ 635566

■ 00000A

■ 7C6D7F

■ 000000

■ 958799

■ B0A1B3

■ CCBCCF

■ E8D8EB

■ FFF4FF

■ 342837

■ 342837

■ 332337

■ 352E37

■ 321D37

■ 363337

■ 311837

■ 373937

■ 301237

■ 383E37

■ 2F0C37

■ 394437

■ 2D0737

■ 3B4937

■ 2C0137

■ 3C4F37

■ 2C0037

■ 3D5437

■ 3E5A37

Harmonies

Analogous

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



292B3C



342837



3B262F

Triad

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



342837



352B1C



123131

Complementary

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



342837



2B3728

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.



193129



342837



2C2D1C

Square

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



342837



3B2820



232F21



133039

Rectangle

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



342837



3D262A



232F21



14312F

Sweetspot

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



342837



464247



282B37



232024



A3A3A3



242424

Same Dimension

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



342837



433047



372833



1B191C



49005C



AF00DB

Inverse Universe

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



37282B



473035



28372D



1C191A



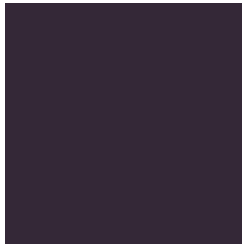
5C0012



DB002C

Previews

White Background



This preview shows how the Hex color 342837 looks on a white background.

Color Contrast Check

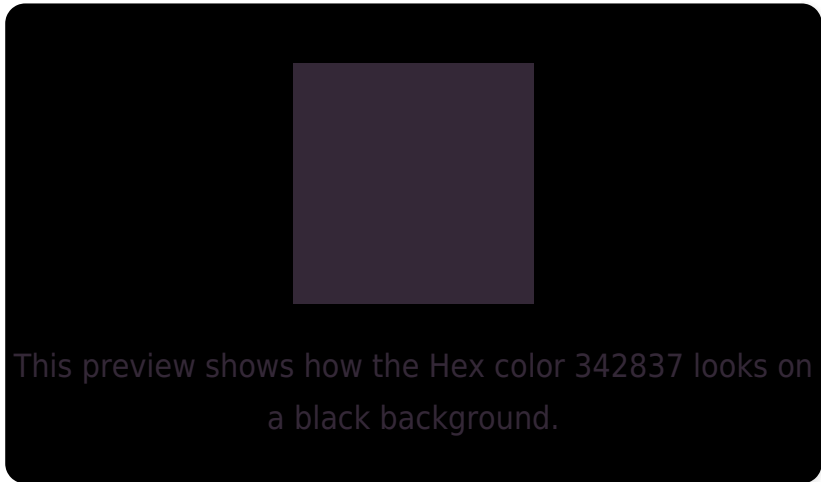
Large Text (above 18pt) WCAG AA ✓ Pass

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

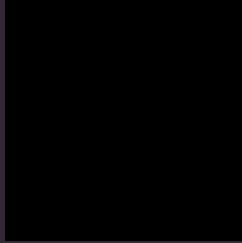
Any Text WCAG AA × Fail

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 342837 Background



This preview shows how black text looks on a background with the Hex color 342837.



This preview shows how white text looks on a background with the Hex color 342837.

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](#).

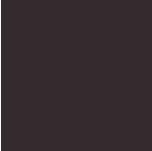
Dichromacy



Original Color
342837

Protanopia
282C3A

Deuteranopia
2B2B36



Tritanopia
332A2D

Trichromacy



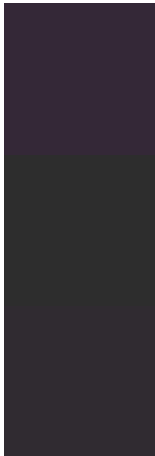
Original Color
342837

Protanomaly
2C2B39

Deuteranomaly
2E2A36

Tritanomaly
332931

Monochromacy



Original Color
342837

Achromatopsia
2D2D2D

Achromatomaly
302B31

CSS Examples

Text

The CSS property to change the color of the text to Hex 342837 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 #342837 looks like.

```
.text, #text, p{  
    color:#342837  
}
```

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 #342837 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #342837
}
```

Border

The CSS property to change the border of an element to Hex 342837 is called "border". The border property can be set on classes, ids or directly on the HTML element.

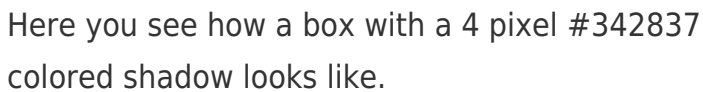
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#342837 }
```

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

```
.border{ border-color:#342837 }
```

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



Here you see how a box with a 4 pixel #342837 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #342837; -webkit-box-shadow:4px 4px  
4px 4px #342837; box-shadow:4px 4px 4px  
4px #342837 }
```

Background

The CSS property to change the background color of an element to Hex 342837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#342837 }
```

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

```
.background{ background-color:#342837 }
```

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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