

Converting Colors

Hex(342D38)

Have a look what the booklet for
Hex(342D38) contains.

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Color

Hex(342D38)

Conversions

Conversions Part 1

Format	Color
Hex	342D38
RGB	52, 45, 56
RGB Percent	20%, 18%, 22%
CMY	0.7961, 0.8235, 0.7804
CMYK	0.07, 0.20, 0.00, 0.78
HSL	278°, 11%, 20%
HSV	278°, 20%, 22%
XYZ	3.0684, 2.8924, 4.1379
YIQ	48.3470, 0.6410, 4.9050

Conversions

Conversions Part 2

Format	Color
RYB	52, 45, 56
Decimal	3419448
CIELab	19.61, 5.73, -5.85
CIELCh	20, 8.185, 314.386
Yxy	2.8924, 0.3038, 0.2864
Android (android.graphics.Color)	4281609528 (0xFF342D38)
YUV	48.3470, 3.7729, 3.2037
Hunter-Lab	17.0069, 2.4426, -2.5209

Details

The Hex color **342D38** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **31382D**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **625B67**, and **05000D** is the 20% darker color. If you saturate the color by 10%, you get **322738**, and if you desaturate by 10%, it is **363338**.

Distribution



Red (20%)

Green (18%)

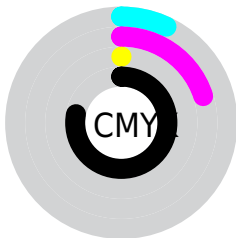
Blue (22%)



Red (20%)

Yellow (18%)

Blue (22%)

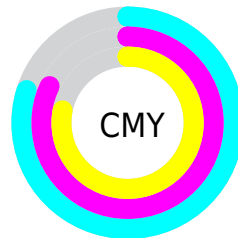


Cyan (7%)

Magenta (20%)

Yellow (0%)

Black (78%)



Cyan (80%)

Magenta (82%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Hex color 342D38 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 342D38 by changing the saturation by 10% instead.



342D38



342D38

FFFFFF



1F1823



625B67



05000D



7B7380



000000



958D9A



B0A7B5



CBC2D0



E7DEEC



FFFBFF



342D38



342D38

■ 322738

■ 363338

■ 302238

■ 383838

■ 2E1C38

■ 3A3E38

■ 2C1738

■ 3C4338

■ 2A1138

■ 3E4938

■ 280B38

■ 404F38

■ 260638

■ 425438

■ 240038

■ 445A38

■ 465F38

Harmonies

Analogous

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



2C2F3B



342D38



3A2C33

Triad

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



342D38



372E24



203332

Complementary

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



342D38



31382D

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.



24332C



342D38



313024

Square

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



342D38



3B2C27



2A3227



203238

Rectangle

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



342D38



3B2B2F



2A3227



213330

Sweetspot

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



342D38



48464A



2D3138



252426



A6A6A6



262626

Same Dimension

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



342D38



43384A



382D37



1B191C



3A005C



8C00DB

Inverse Universe

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



382D31



4A383F



2D382E



1C191A



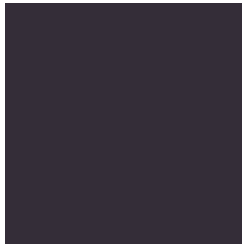
5C0021



DB0050

Previews

White Background



This preview shows how the Hex color 342D38 looks on a white background.

Color Contrast Check

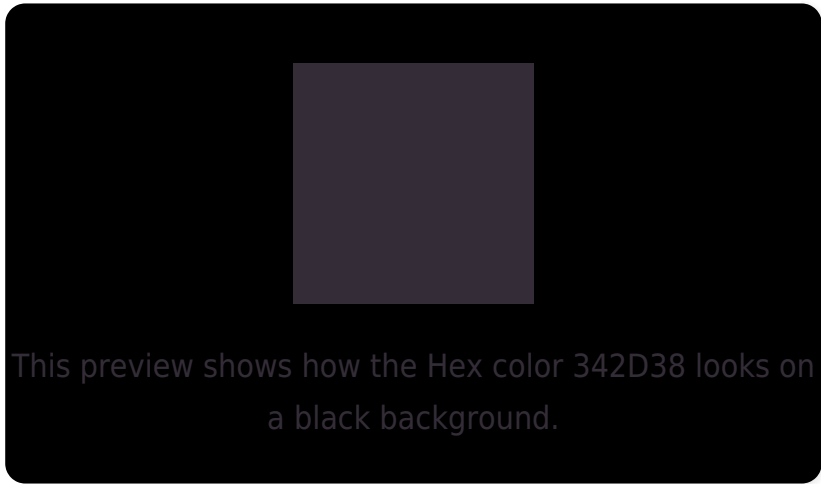
Large Text (above 18pt) WCAG AA ✓ Pass

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

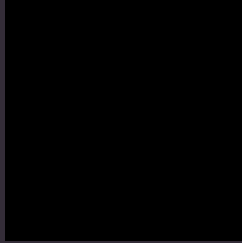
Any Text WCAG AA × Fail

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 342D38 Background



This preview shows how black text looks on a background with the Hex color 342D38.

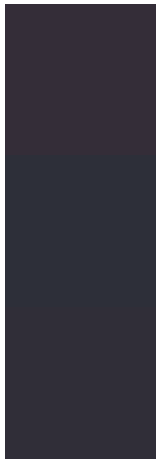


This preview shows how white text looks on a background with the Hex color 342D38.

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
342D38

Protanopia
2D2F39

Deuteranopia
302E38



Tritanopia
332E32

Trichromacy



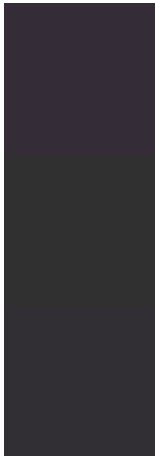
Original Color
342D38

Protanomaly
302E39

Deuteranomaly
312E38

Tritanomaly
332E34

Monochromacy



Original Color
342D38

Achromatopsia
303030

Achromatomaly
312F33

CSS Examples

Text

The CSS property to change the color of the text to Hex 342D38 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 #342D38 looks like.

```
.text, #text, p{  
    color:#342D38  
}
```

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 #342D38 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #342D38
}
```

Border

The CSS property to change the border of an element to Hex 342D38 is called "border". The border property can be set on classes, ids or directly on the HTML element.

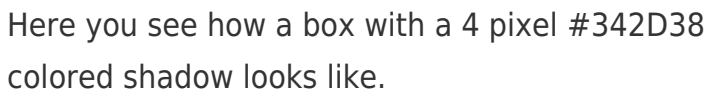
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#342D38 }
```

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

```
.border{ border-color:#342D38 }
```

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



Here you see how a box with a 4 pixel #342D38 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #342D38; -webkit-box-shadow:4px 4px  
4px 4px #342D38; box-shadow:4px 4px 4px  
4px #342D38 }
```

Background

The CSS property to change the background color of an element to Hex 342D38 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#342D38 }
```

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

```
.background{ background-color:#342D38 }
```

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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