

Converting Colors

Hex(342D30)

Have a look what the booklet for
Hex(342D30) contains.

Hex(342D30)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(342D30)

Conversions

Conversions Part 1

Format	Color
Hex	342D30
RGB	52, 45, 48
RGB Percent	20%, 18%, 19%
CMY	0.7961, 0.8235, 0.8118
CMYK	0.00, 0.13, 0.08, 0.80
HSL	334°, 7%, 19%
HSV	334°, 13%, 20%
XYZ	2.8881, 2.8202, 3.1884
YIQ	47.4350, 3.2090, 2.4170

Conversions

Conversions Part 2

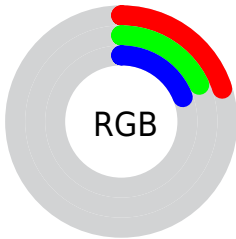
Format	Color
R_{YB}	52, 45, 48
Decimal	3419440
CIE Lab	19.31, 3.83, -0.77
CIE LCh	19, 3.906, 348.662
Yxy	2.8202, 0.3246, 0.3170
Android (android.graphics.Color)	4281609520 (0xFF342D30)
YUV	47.4350, 0.2785, 4.0035
Hunter-Lab	16.7936, 1.3087, 0.4986

Details

The Hex color **342D30** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **2D3431**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **625B5E**, and **020000** is the 20% darker color. If you saturate the color by 10%, you get **34282D**, and if you desaturate by 10%, it is **343233**.

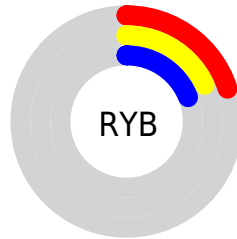
Distribution



Red (20%)

Green (18%)

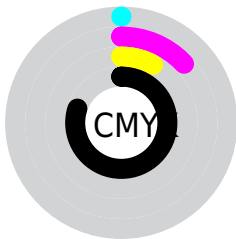
Blue (19%)



Red (20%)

Yellow (18%)

Blue (19%)

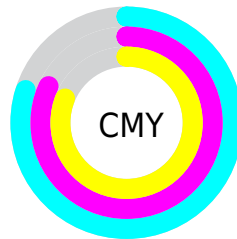


Cyan (0%)

Magenta (13%)

Yellow (8%)

Black (80%)



Cyan (80%)

Magenta (82%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 342D30 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 342D30 by changing the saturation by 10% instead.

■ 342D30

■ 342D30

FFFFFF

■ 1F181B

■ 625B5E

■ 020000

■ 7B7377

■ 000000

■ 958D90

■ B0A7AB

■ CBC2C6

■ E7DEE2

■ FFFBFF

■ 342D30

■ 342D30

■ 34282D

■ 343233

■ 34232A

■ 343736

■ 341D27

■ 343D39

■ 341824

■ 34423C

■ 341321

■ 34473F

■ 340E1E

■ 344C42

■ 34091B

■ 345145

■ 340318

■ 345748

■ 340016

■ 345C4B

Harmonies

Analogous

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



312E33



342D30



352D2D

Triad

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



342D30



2F2F29



283033

Complementary

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



342D30



2D3431

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.



283131



342D30



2C302B

Square

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



342D30



322E29



29302E



2B2F34

Rectangle

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



342D30



352D2B



29302E



283032

Sweetspot

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



342D30



454243



312D34



242223



A3A3A3



242424

Same Dimension

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



342D30



453A3F



342D2D



1A1718



590026



D9005D

Inverse Universe

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



342D30



453A3F



2D3434



1A1718



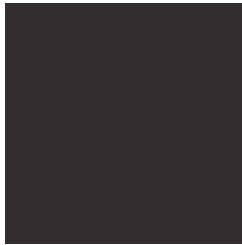
590026



D9005D

Previews

White Background



This preview shows how the Hex color 342D30 looks on a white background.

Color Contrast Check

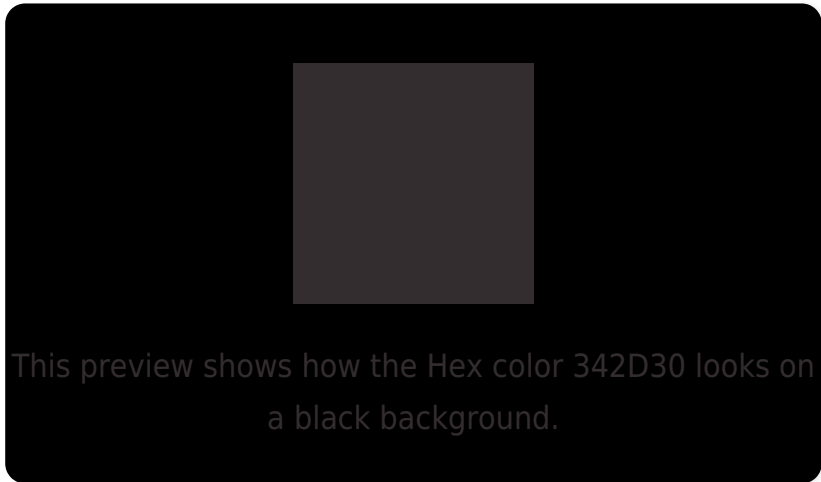
Large Text (above 18pt) WCAG AA ✓ Pass

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

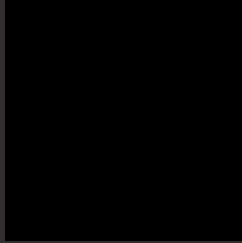
Any Text WCAG AA × Fail

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 342D30 Background



This preview shows how black text looks on a background with the Hex color 342D30.

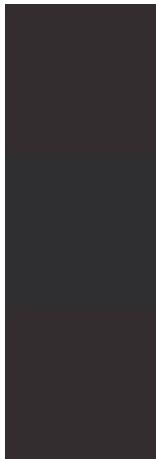


This preview shows how white text looks on a background with the Hex color 342D30.

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
342D30

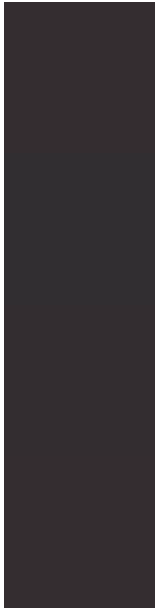
Protanopia
2F2F31

Deuteranopia
332D30



Tritanopia
342D30

Trichromacy



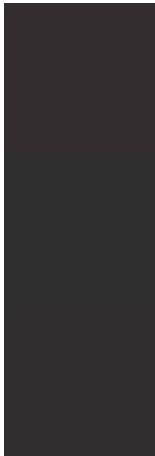
Original Color
342D30

Protanomaly
312E31

Deuteranomaly
332D30

Tritanomaly
342D30

Monochromacy



Original Color
342D30

Achromatopsia
2F2F2F

Achromatomaly
312E2F

CSS Examples

Text

The CSS property to change the color of the text to Hex 342D30 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 #342D30 looks like.

```
.text, #text, p{  
    color:#342D30  
}
```

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 #342D30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #342D30  
}
```

Border

The CSS property to change the border of an element to Hex 342D30 is called "border". The border property can be set on classes, ids or directly on the HTML element.

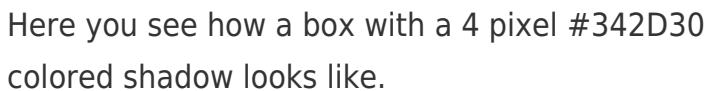
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#342D30 }
```

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

```
.border{ border-color:#342D30 }
```

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



Here you see how a box with a 4 pixel #342D30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #342D30; -webkit-box-shadow:4px 4px  
4px 4px #342D30; box-shadow:4px 4px 4px  
4px #342D30 }
```

Background

The CSS property to change the background color of an element to Hex 342D30 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#342D30 }
```

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

```
.background{ background-color:#342D30 }
```

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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