

Converting Colors

Hex(342D40)

Have a look what the booklet for
Hex(342D40) contains.

Hex(342D40)	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(342D40)

Conversions

Conversions Part 1

Format	Color
Hex	342D40
RGB	52, 45, 64
RGB Percent	20%, 18%, 25%
CMY	0.7961, 0.8235, 0.7490
CMYK	0.19, 0.30, 0.00, 0.75
HSL	262°, 17%, 21%
HSV	262°, 30%, 25%
XYZ	3.2800, 2.9770, 5.2522
YIQ	49.2590, -1.9270, 7.3930

Conversions

Conversions Part 2

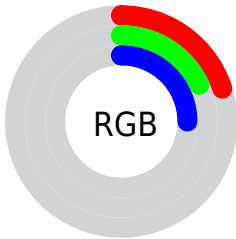
Format	Color
R _Y B	52, 45, 64
Decimal	3419456
CIE Lab	19.95, 7.82, -10.82
CIE LCh	20, 13.350, 305.864
Yxy	2.9770, 0.2850, 0.2587
Android (android.graphics.Color)	4281609536 (0xFF342D40)
YUV	49.2590, 7.2673, 2.4039
Hunter-Lab	17.2540, 3.7383, -5.9705

Details

The Hex color **342D40** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **39402D**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **635B70**, and **080016** is the 20% darker color. If you saturate the color by 10%, you get **302740**, and if you desaturate by 10%, it is **383340**.

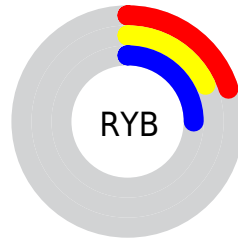
Distribution



 Red (20%)

 Green (18%)

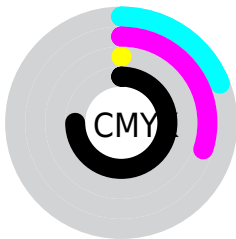
 Blue (25%)



 Red (20%)

 Yellow (18%)

 Blue (25%)

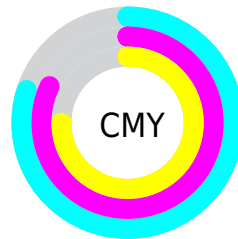


 Cyan (19%)

 Magenta (30%)

 Yellow (0%)

 Black (75%)



 Cyan (80%)

 Magenta (82%)

 Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 342D40 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 342D40 by changing the saturation by 10% instead.

■ 342D40

■ 342D40

FFFFFF

■ 1F182A

■ 635B70

■ 080016

■ 7C7389

■ 000000

■ 968DA3

■ B0A7BF

■ CCC2DA

■ E8DEF7

■ FFFBFF

■ 342D40

■ 342D40

■ 302740

■ 383340

■ 2C2040

■ 3C3A40

■ 281A40

■ 404040

■ 241340

■ 444740

■ 200D40

■ 484D40

■ 1C0740

■ 4C5340

■ 180040

■ 505A40

■ 546040

■ 586740

Harmonies

Analogous

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



263043



342D40



3E2A38

Triad

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



342D40



3E2D1F



143632

Complementary

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



342D40



39402D

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.



1F3528



342D40



35301D

Square

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



342D40



432A25



2A3320



0F353B

Rectangle

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



342D40



422932



2A3320



17352E

Sweetspot

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



342D40



4F4D54



2D3940



28272B



ABABAB



2B2B2B

Same Dimension

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



342D40



413654



3D2D40



1F1E21



240061



5300E0

Inverse Universe

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



402D39



543649



30402D



211E20



61003D



E0008E

Previews

White Background



This preview shows how the Hex color 342D40 looks on a white background.

Color Contrast Check

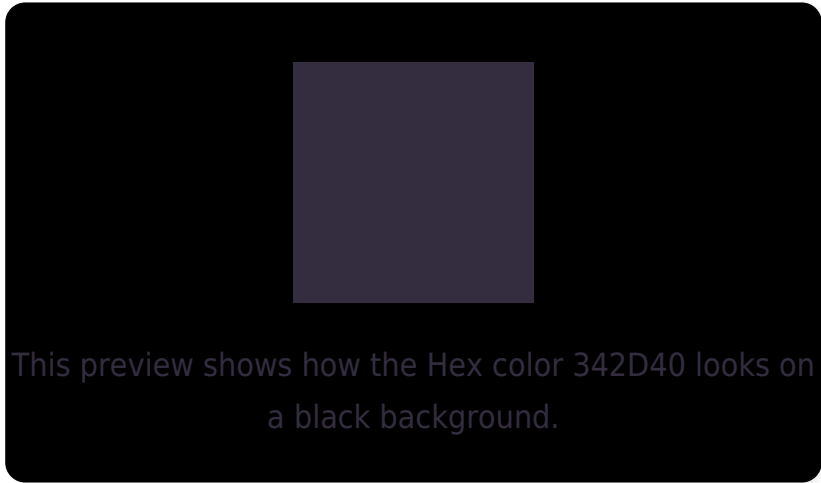
Large Text (above 18pt) WCAG AA ✓ Pass

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

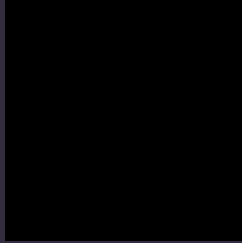
Any Text WCAG AA × Fail

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 342D40 Background



This preview shows how black text looks on a background with the Hex color 342D40.

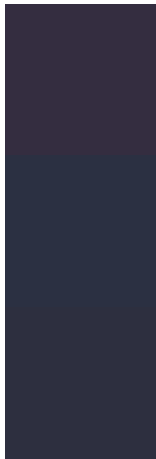


This preview shows how white text looks on a background with the Hex color 342D40.

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
342D40

Protanopia
2B3042

Deuteranopia
2D2F3F



Tritanopia
322F33

Trichromacy



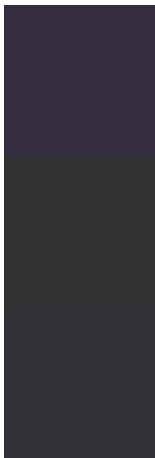
Original Color
342D40

Protanomaly
2E2F41

Deuteranomaly
302E3F

Tritanomaly
332E38

Monochromacy



Original Color
342D40

Achromatopsia
313131

Achromatomaly
323036

CSS Examples

Text

The CSS property to change the color of the text to Hex 342D40 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 #342D40 looks like.

```
.text, #text, p{  
    color:#342D40  
}
```

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 #342D40 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #342D40
}
```

Border

The CSS property to change the border of an element to Hex 342D40 is called "border". The border property can be set on classes, ids or directly on the HTML element.

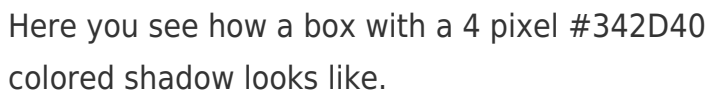
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#342D40 }
```

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

```
.border{ border-color:#342D40 }
```

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



Here you see how a box with a 4 pixel #342D40 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #342D40; -webkit-box-shadow:4px 4px  
4px 4px #342D40; box-shadow:4px 4px 4px  
4px #342D40 }
```

Background

The CSS property to change the background color of an element to Hex 342D40 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#342D40 }
```

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

```
.background{ background-color:#342D40 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor