

Converting Colors

Hex(342327)

Have a look what the booklet for
Hex(342327) contains.

Hex(342327)	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(342327)

Conversions

Conversions Part 1

Format	Color
Hex	342327
RGB	52, 35, 39
RGB Percent	20%, 14%, 15%
CMY	0.7961, 0.8627, 0.8471
CMYK	0.00, 0.33, 0.25, 0.80
HSL	346°, 20%, 17%
HSV	346°, 33%, 20%
XYZ	2.3834, 2.0786, 2.1950
YIQ	40.5390, 8.8480, 4.8480

Conversions

Conversions Part 2

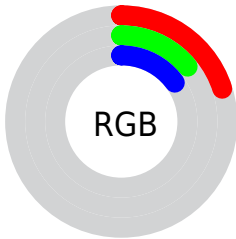
Format	Color
RYB	52, 35, 39
Decimal	3416871
CIELab	15.89, 8.87, 0.56
CIELCh	16, 8.890, 3.599
Yxy	2.0786, 0.3580, 0.3122
Android (android.graphics.Color)	4281606951 (0xFF342327)
YUV	40.5390, -0.7587, 10.0513
Hunter-Lab	14.4174, 4.2783, 1.0653

Details

The Hex color **342327** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **233430**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **635054**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **341E23**, and if you desaturate by 10%, it is **34282B**.

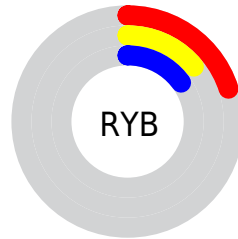
Distribution



Red (20%)

Green (14%)

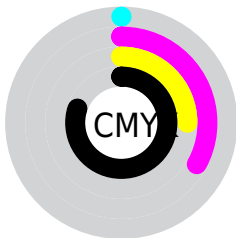
Blue (15%)



Red (20%)

Yellow (14%)

Blue (15%)

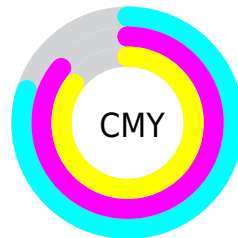


Cyan (0%)

Magenta (33%)

Yellow (25%)

Black (80%)



Cyan (80%)

Magenta (86%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 342327 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 342327 by changing the saturation by 10% instead.



342327



342327

FFFFFF



1F0E12



635054



000000



7C686C



968185



B19B9F



CCB6BA



E8D1D6



FFEDF2



342327



342327

■ 341E23

■ 34282B

■ 34191F

■ 342D2F

■ 34131B

■ 343333

■ 340E17

■ 343837

■ 340913

■ 343D3B

■ 34040F

■ 34423F

■ 34000C

■ 344743

■ 344D47

■ 34524B

Harmonies

Analogous

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



30242D



342327



342421

Triad

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



342327



25291D



192A33

Complementary

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



342327



233430

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.



152B2E



342327



1D2B22

Square

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



342327



2B271B



172B28



212834

Rectangle

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



342327



32251E



172B28



172A31

Sweetspot

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



342327



453E40



302334



241F20



A3A3A3



242424

Same Dimension

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



342327



452A30



342723



1A1718



590015



D90033

Inverse Universe

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



342327



452A30



233034



1A1718



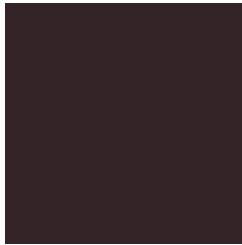
590015



D90033

Previews

White Background



This preview shows how the Hex color 342327 looks on a white background.

Color Contrast Check

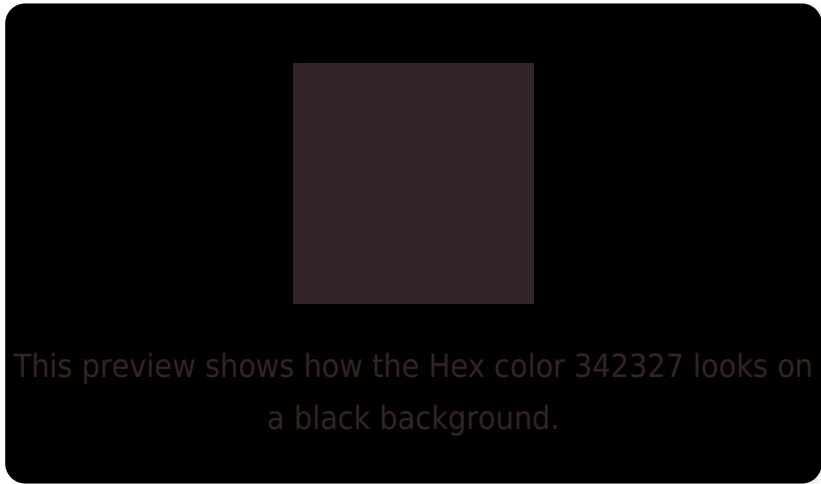
Large Text (above 18pt) WCAG AA ✓ Pass

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 342327 Background



This preview shows how black text looks on a background with the Hex color 342327.

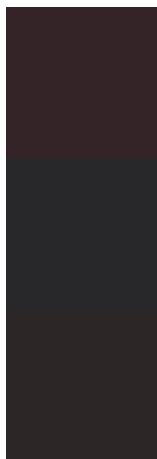


This preview shows how white text looks on a background with the Hex color 342327.

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
342327

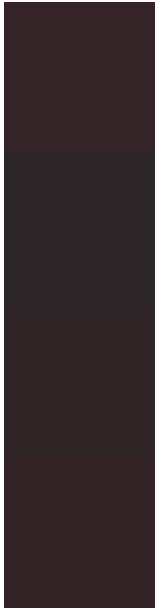
Protanopia
28282A

Deuteranopia
2C2626



Tritanopia
342326

Trichromacy



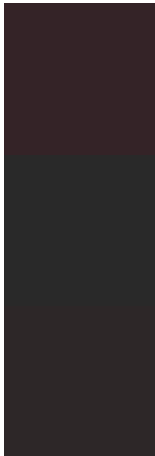
Original Color
342327

Protanomaly
2C2629

Deuteranomaly
2F2526

Tritanomaly
342326

Monochromacy



Original Color
342327

Achromatopsia
292929

Achromatomaly
2D2728

CSS Examples

Text

The CSS property to change the color of the text to Hex 342327 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 #342327 looks like.

```
.text, #text, p{  
    color:#342327  
}
```

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 #342327 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #342327
}
```

Border

The CSS property to change the border of an element to Hex 342327 is called "border". The border property can be set on classes, ids or directly on the HTML element.

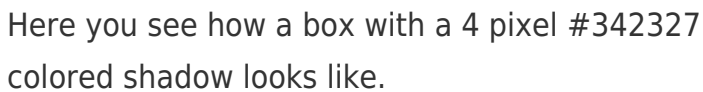
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#342327 }
```

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

```
.border{ border-color:#342327 }
```

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



Here you see how a box with a 4 pixel #342327 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #342327; -webkit-box-shadow:4px 4px  
4px 4px #342327; box-shadow:4px 4px 4px  
4px #342327 }
```

Background

The CSS property to change the background color of an element to Hex 342327 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#342327 }
```

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

```
.background{ background-color:#342327 }
```

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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