

Converting Colors

Hex(342427)

Have a look what the booklet for
Hex(342427) contains.

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Color

Hex(342427)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-------------------------|
| Hex | 342427 |
| RGB | 52, 36, 39 |
| RGB Percent | 20%, 14%, 15% |
| CMY | 0.7961, 0.8588, 0.8471 |
| CMYK | 0.00, 0.31, 0.25, 0.80 |
| HSL | 349°, 18%, 17% |
| HSV | 349°, 31%, 20% |
| XYZ | 2.4133, 2.1383, 2.2050 |
| YIQ | 41.1260, 8.5730, 4.3250 |

Conversions

Conversions Part 2

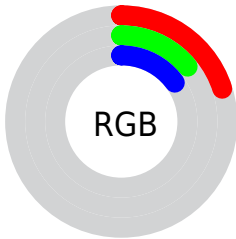
| Format | Color |
|-------------------------------------|-----------------------------|
| R_{YB} | 52, 36, 39 |
| Decimal | 3417127 |
| CIE Lab | 16.20, 8.18, 1.00 |
| CIE LCh | 16, 8.238, 6.953 |
| Yxy | 2.1383, 0.3572, 0.3165 |
| Android (android.graphics.Color) | 4281607207 (0xFF342427) |
| YUV | 41.1260, -1.0481, 9.5365 |
| Hunter-Lab | 14.6229, 3.8682, 1.2957 |

Details

The Hex color **342427** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **243431**, and the grayscale version is **292929**.

A 20% lighter version of the original color is **635154**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **341F23**, and if you desaturate by 10%, it is **34292B**.

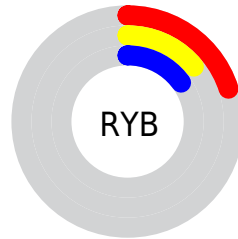
Distribution



Red (20%)

Green (14%)

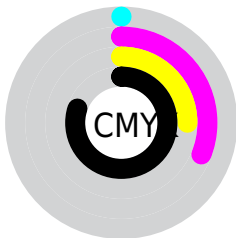
Blue (15%)



Red (20%)

Yellow (14%)

Blue (15%)

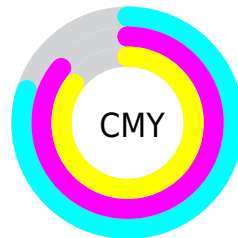


Cyan (0%)

Magenta (31%)

Yellow (25%)

Black (80%)



Cyan (80%)

Magenta (86%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 342427 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 342427 by changing the saturation by 10% instead.



342427



342427

FFFFFF



1F0F12



635154



000000



7C696C



968285



B19C9F



CCB7BA



E8D2D6



FFEFF2



342427



342427

■ 341F23

■ 34292B

■ 341A1F

■ 342E2F

■ 34141A

■ 343434

■ 340F16

■ 343938

■ 340A12

■ 343E3C

■ 34050E

■ 344340

■ 34000A

■ 344845

■ 344E49

■ 34534D

Harmonies

Analogous

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



31252D



342427



342521

Triad

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



342427



252A1F



1C2A33

Complementary

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



342427



243431

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.



182B2F



342427



1E2B23

Square

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



342427



2B281D



192C29



232834

Rectangle

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



342427



32261F



192C29



1A2A32

Sweetspot

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



342427



453F40



312434



242021



A3A3A3



242424

Same Dimension

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



342427



452B30



342924



1A1717



590011



D90029

Inverse Universe

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



342427



452B30



242F34



1A1717



590011



D90029

Previews

White Background



This preview shows how the Hex color 342427 looks on a white background.

Color Contrast Check

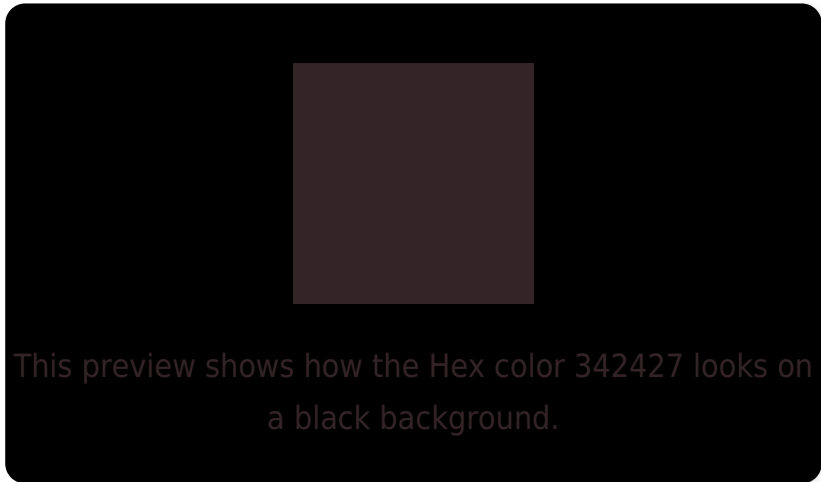
Large Text (above 18pt) WCAG AA ✓ Pass

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 342427 Background



This preview shows how black text looks on a background with the Hex color 342427.

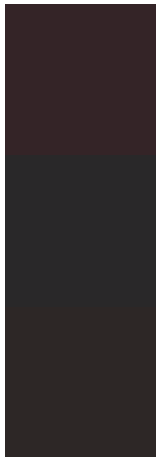


This preview shows how white text looks on a background with the Hex color 342427.

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
342427

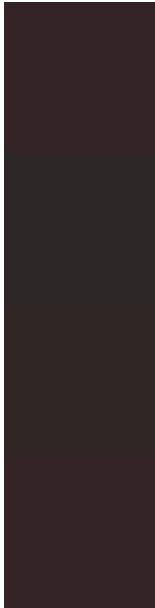
Protanopia
292829

Deuteranopia
2D2726



Tritanopia
342427

Trichromacy



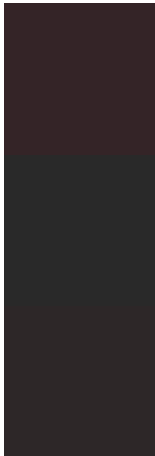
Original Color
342427

Protanomaly
2D2728

Deuteranomaly
302626

Tritanomaly
342427

Monochromacy



Original Color
342427

Achromatopsia
292929

Achromatomaly
2D2728

CSS Examples

Text

The CSS property to change the color of the text to Hex 342427 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 #342427 looks like.

```
.text, #text, p{  
    color:#342427  
}
```

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 #342427 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #342427
}
```

Border

The CSS property to change the border of an element to Hex 342427 is called "border". The border property can be set on classes, ids or directly on the HTML element.

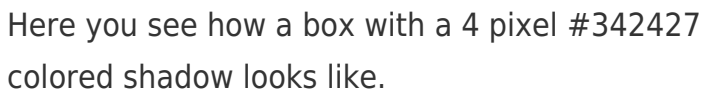
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#342427 }
```

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

```
.border{ border-color:#342427 }
```

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



Here you see how a box with a 4 pixel #342427 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #342427; -webkit-box-shadow:4px 4px  
4px 4px #342427; box-shadow:4px 4px 4px  
4px #342427 }
```

Background

The CSS property to change the background color of an element to Hex 342427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#342427 }
```

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

```
.background{ background-color:#342427 }
```

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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