

# Converting Colors

Hex(342734)

Have a look what the booklet for  
Hex(342734) contains.

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# Color

Hex(342734)

# Conversions

## Conversions Part 1

Format	Color
Hex	342734
RGB	52, 39, 52
RGB Percent	20%, 15%, 20%
CMY	0.7961, 0.8471, 0.7961
CMYK	0.00, 0.25, 0.00, 0.80
HSL	300°, 14%, 18%
HSV	300°, 25%, 20%
XYZ	2.7615, 2.4290, 3.5721
YIQ	44.3690, 3.5750, 6.7990

# Conversions

## Conversions Part 2

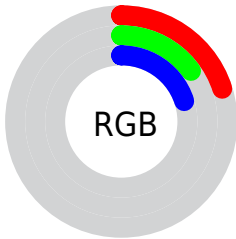
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	52, 39, 52
Decimal	3417908
CIE <sub>Lab</sub>	17.59, 8.91, -6.10
CIE <sub>LCh</sub>	18, 10.798, 325.580
Yxy	2.4290, 0.3151, 0.2772
Android (android.graphics.Color)	4281607988 (0xFF342734)
YUV	44.3690, 3.7621, 6.6924
Hunter-Lab	15.5854, 4.3535, -2.6793

# Details

The Hex color **342734** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **273427**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **635462**, and **000005** is the 20% darker color. If you saturate the color by 10%, you get **342234**, and if you desaturate by 10%, it is **342C34**.

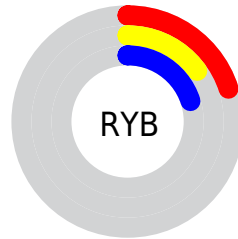
# Distribution



Red (20%)

Green (15%)

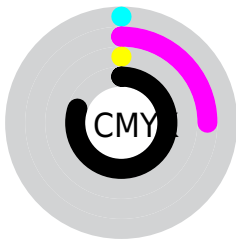
Blue (20%)



Red (20%)

Yellow (15%)

Blue (20%)

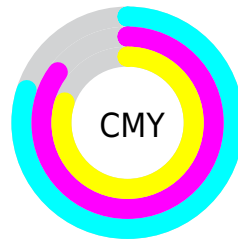


Cyan (0%)

Magenta (25%)

Yellow (0%)

Black (80%)



Cyan (80%)

Magenta (85%)

Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 342734 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 342734 by changing the saturation by 10% instead.





342734



342734

FFFFFF



1F131F



635462



000005



7C6C7B



000000



958695



B0A0B0



CCBBCB



E8D6E7



FFF3FF



342734



342734

■ 342234

■ 342C34

■ 341D34

■ 343134

■ 341734

■ 343734

■ 341234

■ 343C34

■ 340D34

■ 344134

■ 340834

■ 344634

■ 340334

■ 344B34

■ 340034

■ 345134

■ 345634

# Harmonies

## Analogous

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



2B2A39



342734



3A262D

# Triad

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



342734



322A1C



132F32

# Complementary

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



342734



273427

# 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.



182F2A



342734



2A2D1D

# Square

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



342734



38281F



212E22



162E38

# Rectangle

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



342734



3B2627



212E22



142F2F



# Sweetspot

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



342734



453F45



272734



242024



A3A3A3



242424



# Same Dimension

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



342734



453045



34272E



1A171A



590059



D900D9



# Inverse Universe

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



342734



453045



27342E



1A171A



590059

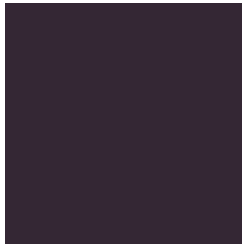


D900D9



# Previews

## White Background



This preview shows how the Hex color 342734 looks on a white background.

## Color Contrast Check

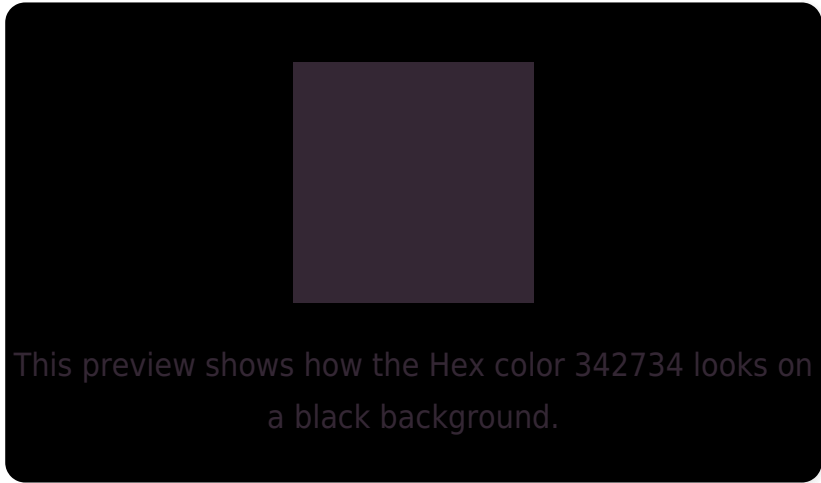
Large Text (above 18pt) WCAG AA ✓ Pass

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

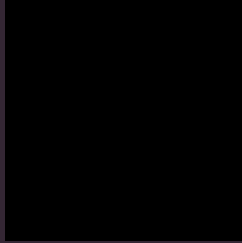
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 342734 Background



This preview shows how black text looks on a background with the Hex color 342734.



This preview shows how white text looks on a background with the Hex color 342734.

# 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**  
342734

**Protanopia**  
282B37

**Deuteranopia**  
2C2A33



**Tritanopia**  
33292C

# Trichromacy



**Original Color**

342734

**Protanomaly**

2C2A36

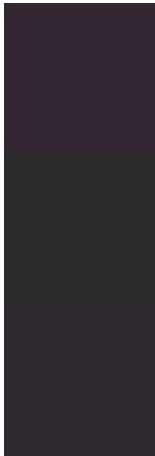
**Deuteranomaly**

2F2933

**Tritanomaly**

33282F

# Monochromacy



**Original Color**

342734

**Achromatopsia**

2C2C2C

**Achromatomaly**

2F2A2F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 342734 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 #342734 looks like.

```
.text, #text, p{  
    color:#342734  
}
```

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 #342734 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #342734
}
```

## Border

The CSS property to change the border of an element to Hex 342734 is called "border". The border property can be set on classes, ids or directly on the HTML element.

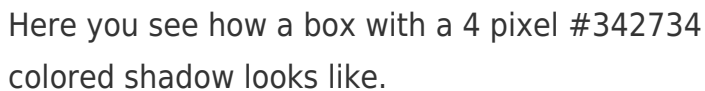
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#342734 }
```

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

```
.border{ border-color:#342734 }
```

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



Here you see how a box with a 4 pixel #342734 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #342734; -webkit-box-shadow:4px 4px  
4px 4px #342734; box-shadow:4px 4px 4px  
4px #342734 }
```

# Background

The CSS property to change the background color of an element to Hex 342734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#342734 }
```

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

```
.background{ background-color:#342734 }
```

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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