

Converting Colors

Hex(342240)

Have a look what the booklet for
Hex(342240) contains.

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Color

Hex(342240)

Conversions

Conversions Part 1

Format	Color
Hex	342240
RGB	52, 34, 64
RGB Percent	20%, 13%, 25%
CMY	0.7961, 0.8667, 0.7490
CMYK	0.19, 0.47, 0.00, 0.75
HSL	276°, 31%, 19%
HSV	276°, 47%, 25%
XYZ	2.9136, 2.2443, 5.1301
YIQ	42.8020, 1.0980, 13.1460

Conversions

Conversions Part 2

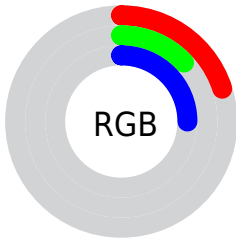
Format	Color
R_{YB}	52, 34, 64
Decimal	3416640
CIE _{Lab}	16.72, 15.45, -15.82
CIE _{LCh}	17, 22.112, 314.315
Yxy	2.2443, 0.2832, 0.2181
Android (android.graphics.Color)	4281606720 (0xFF342240)
YUV	42.8020, 10.4506, 8.0666
Hunter-Lab	14.9809, 8.4995, -9.8168

Details

The Hex color **342240** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **2E4022**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **634F70**, and **000015** is the 20% darker color. If you saturate the color by 10%, you get **311C40**, and if you desaturate by 10%, it is **372840**.

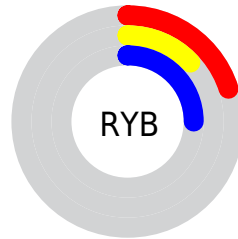
Distribution



Red (20%)

Green (13%)

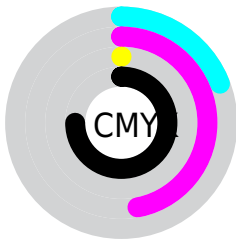
Blue (25%)



Red (20%)

Yellow (13%)

Blue (25%)

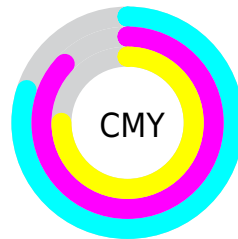


Cyan (19%)

Magenta (47%)

Yellow (0%)

Black (75%)



Cyan (80%)

Magenta (87%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 342240 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 342240 by changing the saturation by 10% instead.

■ 342240

■ 342240

FFFFFF

■ 1E0D2A

■ 634F70

■ 000015

■ 7C6789

■ 000000

■ 9680A4

■ B19ABF

■ CDB5DB

■ E9D1F7

■ FFEDFF

■ 342240

■ 342240

■ 311C40

■ 372840

■ 2F1540

■ 392F40

■ 2C0F40

■ 3C3540

■ 2A0840

■ 3E3C40

■ 270240

■ 414240

■ 260040

■ 434840

■ 464F40

■ 485540

■ 4B5C40

Harmonies

Analogous

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



1B2848



342240



421D32

Triad

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



342240



392508



003131

Complementary

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



342240



2E4022

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.



003120



342240



2B2B06

Square

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



342240



431F14



192F12



00303F

Rectangle

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



342240



461B28



192F12



00312B

Sweetspot

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



342240



4F4854



222E40



28242B



ABABAB



2B2B2B

Same Dimension

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



342240



412554



40223D



201E21



3A0061



8700E0

Inverse Universe

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



40222E



542538



224025



211E1F



610027



E0005A

Previews

White Background



This preview shows how the Hex color 342240 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

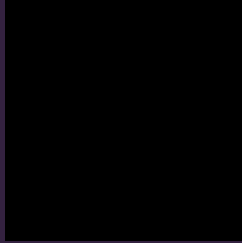
Any Text WCAG AA × Fail

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 342240 Background



This preview shows how black text looks on a background with the Hex color 342240.



This preview shows how white text looks on a background with the Hex color 342240.

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


342240

Protanopia

1D2946

Deuteranopia

20293F



Tritanopia
30272A

Trichromacy



Original Color
342240

Protanomaly
252644

Deuteranomaly
27263F

Tritanomaly
312532

Monochromacy



Original Color
342240

Achromatopsia
2B2B2B

Achromatomaly
2E2833

CSS Examples

Text

The CSS property to change the color of the text to Hex 342240 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 #342240 looks like.

```
.text, #text, p{  
    color:#342240  
}
```

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 #342240 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #342240
}
```

Border

The CSS property to change the border of an element to Hex 342240 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".

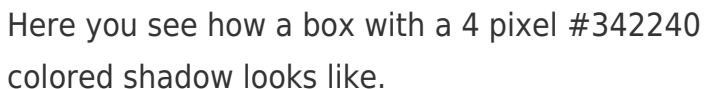
```
.border, #border, table{ border:4px solid
#342240 }
```

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

```
.border{ border-color:#342240 }
```

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

Here you see how a box with a 4 pixel #342240 colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border on the top and left sides, and a thicker dark blue shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #342240; -webkit-box-shadow:4px 4px  
4px 4px #342240; box-shadow:4px 4px 4px  
4px #342240 }
```

Background

The CSS property to change the background color of an element to Hex 342240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#342240 }
```

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

```
.background{ background-color:#342240 }
```

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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