

Converting Colors

Hex(342670)

Have a look what the booklet for
Hex(342670) contains.

Hex(342670)	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(342670)

Conversions

Conversions Part 1

Format	Color
Hex	342670
RGB	52, 38, 112
RGB Percent	20%, 15%, 44%
CMY	0.7961, 0.8510, 0.5608
CMYK	0.54, 0.66, 0.00, 0.56
HSL	251°, 49%, 29%
HSV	251°, 66%, 44%
XYZ	5.0339, 3.2861, 15.6982
YIQ	50.6220, -15.4100, 25.9820

Conversions

Conversions Part 2

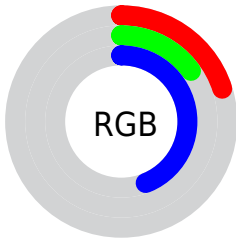
Format	Color
R_{YB}	52, 38, 112
Decimal	3417712
CIE _{Lab}	21.16, 27.62, -40.81
CIE _{LCh}	21, 49.278, 304.087
Yxy	3.2861, 0.2096, 0.1368
Android (android.graphics.Color)	4281607792 (0xFF342670)
YUV	50.6220, 30.2594, 1.2085
Hunter-Lab	18.1277, 17.8444, -38.6544

Details

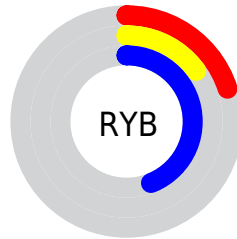
The Hex color **342670** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **627026**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **6854A4**, and **01003F** is the 20% darker color. If you saturate the color by 10%, you get **2B1B70**, and if you desaturate by 10%, it is **3D3170**.

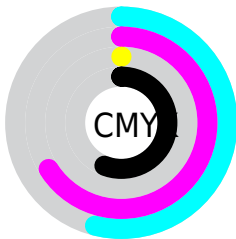
Distribution



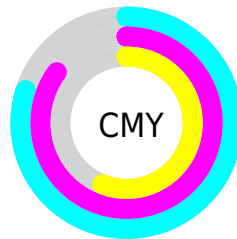
- Red (20%)
- Green (15%)
- Blue (44%)



- Red (20%)
- Yellow (15%)
- Blue (44%)



- Cyan (54%)
- Magenta (66%)
- Yellow (0%)
- Black (56%)



- Cyan (80%)
- Magenta (85%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 342670 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 342670 by changing the saturation by 10% instead.

■ 342670

■ 342670

FFFFFF

■ 181157

■ 6854A4

■ 01003F

■ 836CC0

■ 000328

■ 9E86DC

■ 000112

■ BAA0F9

■ 000000

■ D6BBFF

■ F3D7FF

■ FFF3FF

■ 342670

■ 342670

■ 2B1B70

■ 3D3170

■ 221070

■ 463C70

■ 190470

■ 4F4870

■ 150070

■ 585370

■ 615E70

■ 6A6970

■ 747470

■ 7D8070

■ 868B70

Harmonies

Analogous

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



00367D



342670



600753

Triad

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



342670



582400



004137

Complementary

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



342670



627026

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.



004010



342670



3B3300

Square

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



342670



6B070B



143C00



00415B

Rectangle

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



342670



6D003C



143C00



00412A

Sweetspot

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



342670



7A7491



266270



3C384A



C9C9C9



4A4A4A

Same Dimension

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



342670



341F91



592670



343238



170078



2F00F7

Inverse Universe

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



702662



911F7C



3D7026



383237



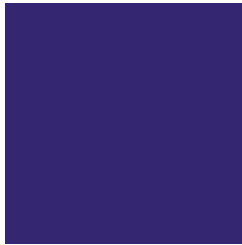
780061



F700C9

Previews

White Background



This preview shows how the Hex color 342670 looks on a white background.

Color Contrast Check

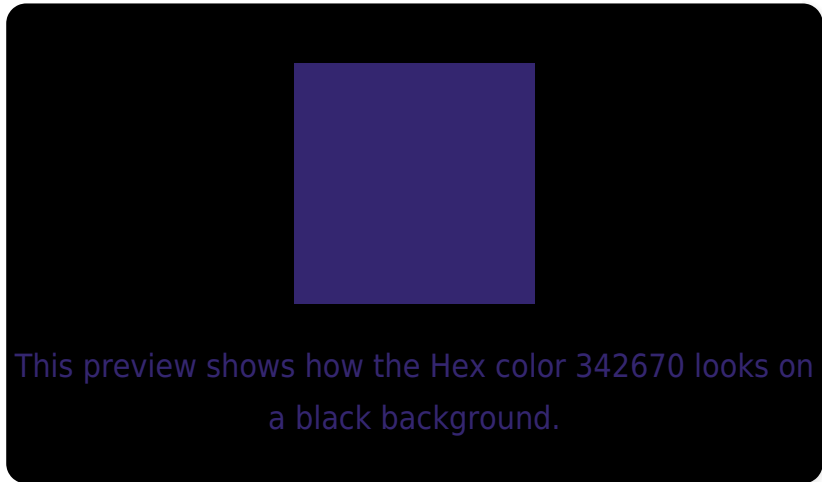
Large Text (above 18pt) WCAG AA ✓ Pass

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

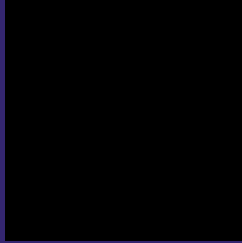
Any Text WCAG AA × Fail

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 342670 Background



This preview shows how black text looks on a background with the Hex color 342670.



This preview shows how white text looks on a background with the Hex color 342670.

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

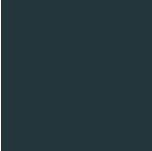
342670

Protanopia

003168

Deuteranopia

00355A



Tritanopia
22363B

Trichromacy



Original Color
342670

Protanomaly
132D6B

Deuteranomaly
133062

Tritanomaly
29304E

Monochromacy



Original Color
342670

Achromatopsia
333333

Achromatomaly
332E49

CSS Examples

Text

The CSS property to change the color of the text to Hex 342670 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 #342670 looks like.

```
.text, #text, p{  
    color:#342670  
}
```

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 #342670 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #342670
}
```

Border

The CSS property to change the border of an element to Hex 342670 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
#342670 }
```

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

```
.border{ border-color:#342670 }
```

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

Here you see how a box with a 4 pixel #342670 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #342670; -webkit-box-shadow:4px 4px  
4px 4px #342670; box-shadow:4px 4px 4px  
4px #342670 }
```

Background

The CSS property to change the background color of an element to Hex 342670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#342670 }
```

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

```
.background{ background-color:#342670 }
```

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