

Converting Colors

Hex(342341)

Have a look what the booklet for
Hex(342341) contains.

Hex(342341)	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(342341)

Conversions

Conversions Part 1

Format	Color
Hex	342341
RGB	52, 35, 65
RGB Percent	20%, 14%, 25%
CMY	0.7961, 0.8627, 0.7451
CMYK	0.20, 0.46, 0.00, 0.75
HSL	274°, 30%, 20%
HSV	274°, 46%, 25%
XYZ	2.9713, 2.3138, 5.2910
YIQ	43.5030, 0.5020, 12.9340

Conversions

Conversions Part 2

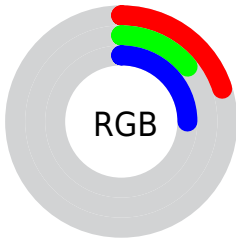
Format	Color
R_{YB}	52, 35, 65
Decimal	3416897
CIE _{Lab}	17.05, 15.03, -15.99
CIE _{LCh}	17, 21.949, 313.229
Yxy	2.3138, 0.2809, 0.2188
Android (android.graphics.Color)	4281606977 (0xFF342341)
YUV	43.5030, 10.5980, 7.4519
Hunter-Lab	15.2111, 8.2487, -9.9756

Details

The Hex color **342341** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **304123**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **635071**, and **000016** is the 20% darker color. If you saturate the color by 10%, you get **311D41**, and if you desaturate by 10%, it is **372A41**.

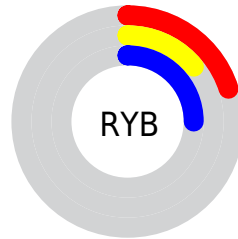
Distribution



 Red (20%)

 Green (14%)

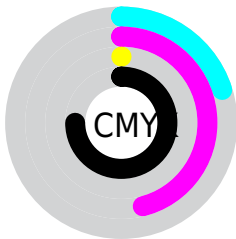
 Blue (25%)



 Red (20%)

 Yellow (14%)

 Blue (25%)

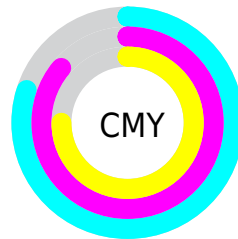


 Cyan (20%)

 Magenta (46%)

 Yellow (0%)

 Black (75%)



 Cyan (80%)

 Magenta (86%)

 Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 342341 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 342341 by changing the saturation by 10% instead.

■ 342341

■ 342341

FFFFFF

■ 1E0F2B

■ 635071

■ 000016

■ 7C688B

■ 000000

■ 9681A5

■ B19BC0

■ CDB6DC

■ E9D2F9

■ FFEEFF

■ 342341

■ 342341

■ 311D41

■ 372A41

■ 2E1641

■ 3A3041

■ 2C1041

■ 3C3741

■ 290941

■ 3F3D41

■ 260341

■ 424441

■ 250041

■ 454A41

■ 485141

■ 4B5741

■ 4D5E41

Harmonies

Analogous

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



1B2949



342341



421E33

Triad

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



342341



3A2609



003231

Complementary

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



342341



304123

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



342341



2C2B08

Square

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



342341



442015



1B2F12



00313F

Rectangle

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



342341



471C29



1B2F12



00322B

Sweetspot

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



342341



4F4854



233041



28242B



ABABAB



2B2B2B

Same Dimension

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



342341



402654



41233F



201E21



370061



7F00E0

Inverse Universe

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



412330



54263A



234125



211E1F



61002A



E00061

Previews

White Background



This preview shows how the Hex color 342341 looks on a white background.

Color Contrast Check

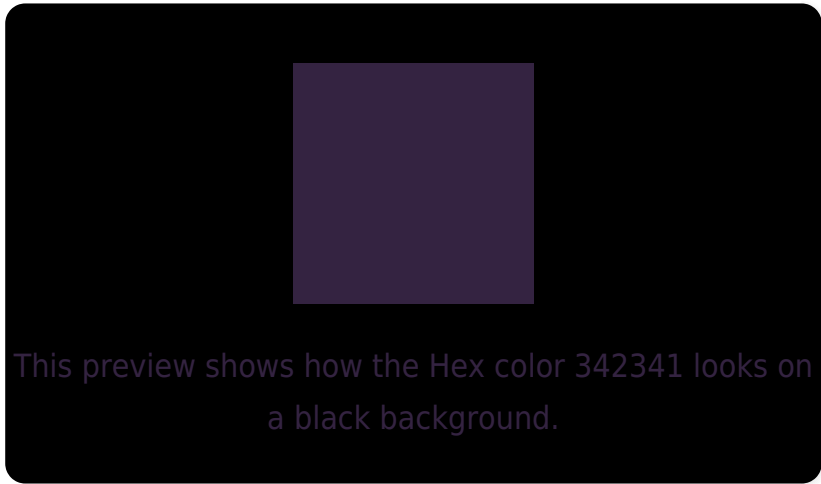
Large Text (above 18pt) WCAG AA ✓ Pass

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

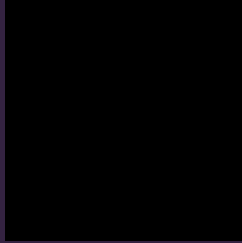
Any Text WCAG AA × Fail

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 342341 Background



This preview shows how black text looks on a background with the Hex color 342341.



This preview shows how white text looks on a background with the Hex color 342341.

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
342341

Protanopia
1E2947

Deuteranopia
202A40



Tritanopia
30282B

Trichromacy



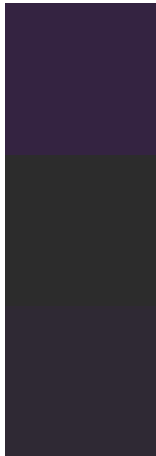
Original Color
342341

Protanomaly
262745

Deuteranomaly
272740

Tritanomaly
312633

Monochromacy



Original Color
342341

Achromatopsia
2C2C2C

Achromatomaly
2F2934

CSS Examples

Text

The CSS property to change the color of the text to Hex 342341 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 #342341 looks like.

```
.text, #text, p{  
    color:#342341  
}
```

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 #342341 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #342341
}
```

Border

The CSS property to change the border of an element to Hex 342341 is called "border". The border property can be set on classes, ids or directly on the HTML element.

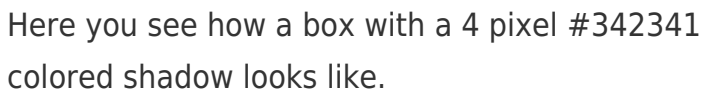
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#342341 }
```

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

```
.border{ border-color:#342341 }
```

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



Here you see how a box with a 4 pixel #342341 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #342341; -webkit-box-shadow:4px 4px  
4px 4px #342341; box-shadow:4px 4px 4px  
4px #342341 }
```

Background

The CSS property to change the background color of an element to Hex 342341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#342341 }
```

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

```
.background{ background-color:#342341 }
```

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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