

Converting Colors

Hex(341233)

Have a look what the booklet for
Hex(341233) contains.

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Color

Hex(341233)

Conversions

Conversions Part 1

Format	Color
Hex	341233
RGB	52, 18, 51
RGB Percent	20%, 7%, 20%
CMY	0.7961, 0.9294, 0.8000
CMYK	0.00, 0.65, 0.02, 0.80
HSL	302°, 49%, 14%
HSV	302°, 65%, 20%
XYZ	2.2300, 1.4017, 3.2850
YIQ	31.9280, 9.6710, 17.4710

Conversions

Conversions Part 2

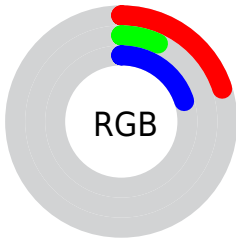
Format	Color
R_{YB}	52, 18, 51
Decimal	3412531
CIE _{Lab}	11.97, 22.58, -14.04
CIE _{LCh}	12, 26.592, 328.133
Yxy	1.4017, 0.3224, 0.2027
Android (android.graphics.Color)	4281602611 (0xFF341233)
YUV	31.9280, 9.4025, 17.6031
Hunter-Lab	11.8393, 12.9030, -8.1633




Details

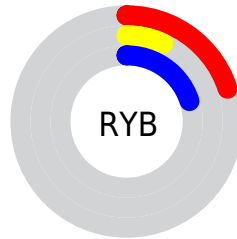
The Hex color **341233** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **123413**, and the grayscale version is **202020**.

A 20% lighter version of the original color is **643E62**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **340D33**, and if you desaturate by 10%, it is **341733**.

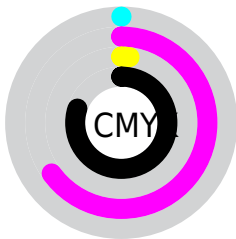
Distribution







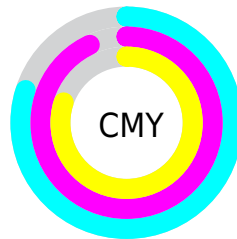
-  Red (20%)
-  Green (7%)
-  Blue (20%)






-  Red (20%)
-  Yellow (7%)
-  Blue (20%)



-  Cyan (0%)
-  Magenta (65%)
-  Yellow (2%)
-  Black (80%)



-  Cyan (80%)
-  Magenta (93%)
-  Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 341233 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 341233 by changing the saturation by 10% instead.

■ 341233

■ 341233

■ FFF7FF

■ 21001E

■ 643E62

■ 000000

■ 7D567A

■ 976F94

■ B289AF

■ CEA3CA

■ EBBEE7

■ FFDAFF

■ 341233

■ 341233

■ 340D33

■ 341733

■ 340833

■ 341C33

■ 340233

■ 342233

■ 340032

■ 342734

■ 342C34

■ 343134

■ 343634

■ 343C34

■ 344134

Harmonies

Analogous

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



1C1B40



341233



3E0B21

Triad

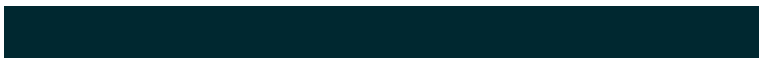
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



341233



291E00



002830

Complementary

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



341233



123413

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.



00281E



341233



192300

Square

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



341233



371700



002608



00263E

Rectangle

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



341233



400C15



002608



00282A

Sweetspot

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



341233



453744



131234



241B23



A3A3A3



242424

Same Dimension

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



341233



450F43



341222



1A1719



590057



D900D2

Inverse Universe

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



341233



450F43



123424



1A1719



590057



D900D2

Previews

White Background



This preview shows how the Hex color 341233 looks on a white background.

Color Contrast Check

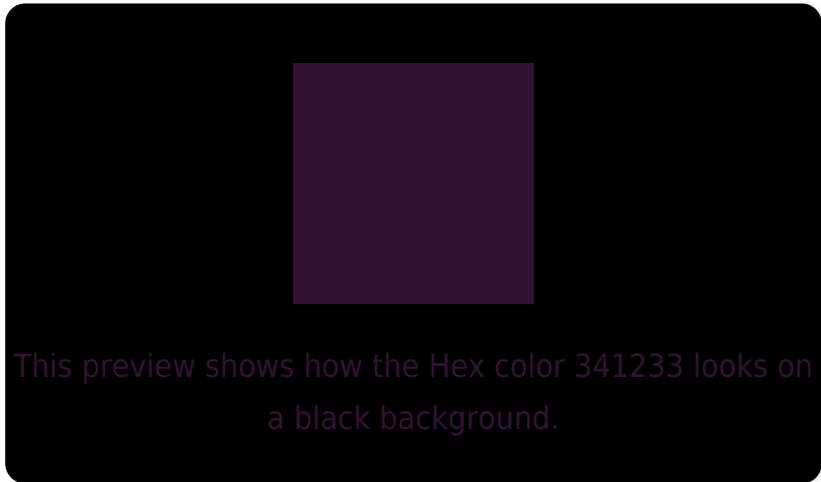
Large Text (above 18pt) WCAG AA ✓ Pass

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

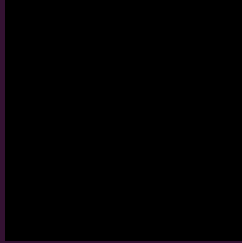
Any Text WCAG AA × Fail

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 341233 Background



This preview shows how black text looks on a background with the Hex color 341233.



This preview shows how white text looks on a background with the Hex color 341233.

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

341233

Protanopia

0E2040

Deuteranopia

192031



Tritanopia
31191B

Trichromacy



Original Color
341233

Protanomaly
1C1B3B

Deuteranomaly
231B32

Tritanomaly
321624

Monochromacy



Original Color
341233

Achromatopsia
202020

Achromatomaly
271B27

CSS Examples

Text

The CSS property to change the color of the text to Hex 341233 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 #341233 looks like.

```
.text, #text, p{  
    color:#341233  
}
```

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 #341233 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #341233
}
```

Border

The CSS property to change the border of an element to Hex 341233 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".

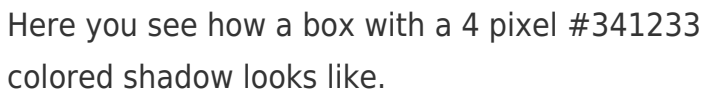
```
.border, #border, table{ border:4px solid
#341233 }
```

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

```
.border{ border-color:#341233 }
```

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

Here you see how a box with a 4 pixel #341233 colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border on the top, left, and bottom edges. The right edge is a thick dark purple bar. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #341233 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #341233; -webkit-box-shadow:4px 4px  
4px 4px #341233; box-shadow:4px 4px 4px  
4px #341233 }
```

Background

The CSS property to change the background color of an element to Hex 341233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#341233 }
```

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

```
.background{ background-color:#341233 }
```

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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